

Error detection: full practice bank: open practice pack

100 untimed questions across 10 authored sections.

Detail	Value
Pack	cognitive-skills-error-detection
Source	cognitive-skills
Pack version	v1
Worksheet items	100
Authored hints	0
Worked explanations	100

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Learner worksheet

One hundred checking exercises in ten themed sections, building from single-character comparisons to faults in reasoning and procedure. Everything you need is given in each question. Work for accuracy first, because a check made quickly but wrongly is worse than no check at all.

Choose one answer for each item. For a delayed-recall item, read its study text, cover it, and then answer without looking back.

Straight comparison checks

Two versions of the same entry are shown. Compare them character by character and say whether, and where, they differ.

1. error-detection-q1

Compare these two invoice numbers. Are they identical? INV-2025-00847 vs INV-2025-00847

- A. Identical
- B. Different

Your answer: _____

2. error-detection-q5

Compare these two dates as written: '03/07/2026' and '03/07/2026'. Are they identical?

- A. Identical
- B. Different

Your answer: _____

3. error-detection-q2

Compare these two customer records. Are they identical? 'Jonathan A. Reyes, 14 Birchwood Ave' vs 'Jonathon A. Reyes, 14 Birchwood Ave'

- A. Identical
- B. Different

Your answer: _____

4. error-detection-s01-q04

A supplier reference is copied from an order form onto a label. Order form: BX-7742-LM. Label: BX-7724-LM. How do the two differ?

- A. Two digits have changed places
- B. A digit has been dropped
- C. A letter has been changed
- D. They do not differ

Your answer: _____

5. error-detection-s01-q05

Reference: 'Unit 9, Halstead Court'. Copy: 'Unit 9, Halsted Court'. What has changed?

- A. The unit number
- B. A letter has been dropped from the street name
- C. An extra word has been added
- D. Nothing has changed

Your answer: _____

6. error-detection-s01-q06

Original: 'Order 5518: dispatched 14/03'. Duplicate: 'Order 5518: dispatched 14/08'. Where is the discrepancy?

- A. In the order number
- B. In the day of the month
- C. In the month
- D. There is no discrepancy

Your answer: _____

7. error-detection-s01-q07

Which copy reproduces the reference string 'KTP-9034-BV' exactly?

- A. KTP-9034-BU
- B. KPT-9034-BV
- C. KTP-9043-BV
- D. KTP-9034-BV

Your answer: _____

8. error-detection-s01-q08

Reference: '£1,450.00'. Copy: '£1,540.00'. What kind of error has occurred?

- A. The decimal point has moved
- B. Two digits have swapped places
- C. An extra zero has been added
- D. The currency symbol is wrong

Your answer: _____

9. error-detection-s01-q09

A membership number is stored as 'M-00847' in one system and 'M-008470' in another. What is the difference?

- A. One version carries an extra trailing digit
- B. The prefix letter differs
- C. Two digits have changed places
- D. A hyphen is missing

Your answer: _____

10. error-detection-s01-q10

Reference address line: 'Flat 2B, 118 Wentworth Road'. Copy: 'Flat 2B, 181 Wentworth Road'. Is the copy correct?

- A. Yes, it matches
- B. No: the flat number differs
- C. No: the house number differs
- D. No: the street name differs

Your answer: _____

Odd one out in a set

One entry in each set fails to match the reference or the rule the others follow. Fix that rule in mind first, then test the entries against it one by one.

11. error-detection-q3

Which of these four account numbers does NOT match the reference number 5502-8871-034?

- A. A) 5502-8871-034
- B. B) 5502-8871-034
- C. C) 5502-8871-043
- D. D) 5502-8871-034

Your answer: _____

12. error-detection-q6

Find the entry that breaks the pattern in this list of product codes: PC-100, PC-200, PC-300, PC-400, PD-500

- A. PC-100
- B. PC-300

- C. PC-400
- D. PD-500

Your answer: _____

13. error-detection-s02-q03

A reference part number reads 'TL-3390-KD'. Which of the copies below reproduces it faithfully?

- A. TL-3390-KO
- B. TL-3390-KD
- C. TL-3930-KD
- D. TI-3390-KD

Your answer: _____

14. error-detection-s02-q04

Four staff numbers were issued in one batch and should run consecutively from 4471: 4471, 4472, 4437, 4474. Which number is out of place?

- A. 4471
- B. 4472
- C. 4437
- D. 4474

Your answer: _____

15. error-detection-s02-q05

Three of these email addresses are the same. Which one differs?

- A. r.okafor@medlin.co.uk
- B. r.okafor@medlin.co.uk
- C. r.okafor@medlim.co.uk
- D. r.okafor@medlin.co.uk

Your answer: _____

16. error-detection-s02-q06

Every code in a valid batch begins with the prefix 'GB-'. Which entry breaks the rule?

- A. GB-4471
- B. G8-1174
- C. GB-9902
- D. GB-3350

Your answer: _____

17. error-detection-s02-q07

A checklist requires every reference to be exactly eight characters long. Which reference fails that check?

- A. AB123456
- B. CD987654

- C. EF135790
- D. GH24680

Your answer: _____

18. error-detection-s02-q08

Four dates were copied from a diary for a weekly meeting: 03/09, 11/09, 18/09, 25/09. Which entry is inconsistent with the rest?

- A. 03/09
- B. 11/09
- C. 18/09
- D. 25/09

Your answer: _____

19. error-detection-s02-q09

In a stocktake every line should read 'Qty' followed by a whole number. Which line breaks the format?

- A. Qty 3.5
- B. Qty 14
- C. Qty 6
- D. Qty 20

Your answer: _____

20. error-detection-s02-q10

Four lengths were recorded for the same component: 240 mm, 0.24 m, 24 cm, 2.4 mm. Which entry does not describe the same length as the others?

- A. 240 mm
- B. 0.24 m
- C. 24 cm
- D. 2.4 mm

Your answer: _____

Field-by-field record checking

Each item shows one record as it appears in two places. Work through the fields in the same order both times and name the field that disagrees.

21. error-detection-q4

A shipment manifest lists 'Qty: 120, Weight: 45.6kg'. The warehouse receipt shows 'Qty: 120, Weight: 46.5kg'. What is the discrepancy?

- A. Quantity differs
- B. Weight differs
- C. Both differ
- D. No discrepancy

Your answer: _____

22. error-detection-s03-q02

Booking form: 'Name: L. Ferreira | Date: 12 May | Party: 4 | Table: 9'. Confirmation email: 'Name: L. Ferreira | Date: 12 May | Party: 6 | Table: 9'. Which field disagrees?

- A. The name
- B. The date
- C. The party size
- D. The table number

Your answer: _____

23. error-detection-s03-q03

Purchase order: 'Item: HDMI cable | Length: 3 m | Qty: 25 | Unit price: £4.20'. Supplier invoice: 'Item: HDMI cable | Length: 2 m | Qty: 25 | Unit price: £4.20'. What should be queried?

- A. The cable length
- B. The quantity
- C. The unit price
- D. Nothing: the records agree

Your answer: _____

24. error-detection-s03-q04

Timesheet: 'Mon 7.5 | Tue 7.5 | Wed 8.0 | Thu 7.5 | Total 30.5'. Payroll record: 'Mon 7.5 | Tue 7.5 | Wed 8.0 | Thu 7.5 | Total 31.0'. Where is the fault?

- A. Wednesday's hours
- B. Thursday's hours
- C. Monday's hours
- D. The payroll total

Your answer: _____

25. error-detection-s03-q05

Delivery note: 'Boxes: 12 | Pallets: 2 | Destination: Leeds'. Goods-in log: 'Boxes: 12 | Pallets: 3 | Destination: Leeds'. Which field needs investigating?

- A. The box count
- B. The pallet count
- C. The destination
- D. None: the records agree

Your answer: _____

26. error-detection-s03-q06

Record A: 'Surname: Ahmadi | Given: Nadia | DOB: 04/11/1996'. Record B: 'Surname: Ahmadi | Given: Nadia | DOB: 11/04/1996'. What is the discrepancy?

- A. The surname
- B. The given name
- C. The year of birth

- D. The day and month have been reversed

Your answer: _____

27. error-detection-s03-q07

Quotation: 'Subtotal £480.00 | VAT £96.00 | Total £576.00'. Invoice: 'Subtotal £480.00 | VAT £96.00 | Total £567.00'. Which line is wrong?

- A. The subtotal
- B. The VAT line
- C. The invoice total
- D. The quotation total

Your answer: _____

28. error-detection-s03-q08

A contract summary reads: 'Start: 1 April 2026 | Term: 24 months | End: 31 March 2027'. The signed contract confirms both the start date and the 24-month term. Which entry in the summary is wrong?

- A. The end date
- B. The start date
- C. The term
- D. Nothing is wrong

Your answer: _____

29. error-detection-s03-q09

The same mobile number appears as '+44 7700 900461' in one record and '+44 7700 900416' in another. Which part differs?

- A. The country code
- B. The last four digits
- C. The middle block
- D. Nothing differs

Your answer: _____

30. error-detection-s03-q10

Stock record: 'Opening 120 | Received 45 | Issued 60 | Closing 115'. Which figure cannot be right if the other three are correct?

- A. Opening
- B. Received
- C. Issued
- D. Closing

Your answer: _____

Spelling and typing slips

Read for the words themselves rather than for the sense. A sentence can read perfectly well and still contain a misspelling, a doubled word, or the wrong word entirely.

31. error-detection-s04-q01

Which word in this sentence is misspelled? 'The comittee agreed to publish the revised timetable on Friday.'

- A. comittee
- B. agreed
- C. revised
- D. timetable

Your answer: _____

32. error-detection-s04-q02

Which spelling is correct?

- A. occurence
- B. occurrence
- C. ocurrence
- D. occurance

Your answer: _____

33. error-detection-s04-q03

One word is wrong for its meaning: 'The new rules will effect every department from Monday.' Which word is it?

- A. rules
- B. every
- C. effect
- D. department

Your answer: _____

34. error-detection-s04-q04

Which of these words is misspelled?

- A. seperate
- B. definite
- C. necessary
- D. argument

Your answer: _____

35. error-detection-s04-q05

Which word in this sentence is misspelled? 'The maintenance contract covers all four printers.'

- A. contract
- B. covers
- C. maintenance
- D. printers

Your answer: _____

36. error-detection-s04-q06

Which sentence contains a word typed twice by mistake?

- A. The engineer checked the pressure valve before the test.
- B. The engineer checked the the pressure valve before the test.
- C. The engineer checked the pressure valve after the test.
- D. The engineer checked both pressure valves before the test.

Your answer: _____

37. error-detection-s04-q07

Which word is wrong in this notice? 'All visitors must sign in at reception and where a badge at all times.'

- A. where
- B. visitors
- C. reception
- D. badge

Your answer: _____

38. error-detection-s04-q08

Which spelling is correct?

- A. accomodation
- B. accommodation
- C. accommodation
- D. acomodation

Your answer: _____

39. error-detection-s04-q09

Which word in this sentence is misspelled? 'The equipment was throughly tested before delivery.'

- A. equipment
- B. tested
- C. delivery
- D. throughly

Your answer: _____

40. error-detection-s04-q10

Which sentence contains a misspelling?

- A. The panel accepted the recommendation without amendment.
- B. The panel published its findings in a supplementary report.
- C. The panel adjourned until the following Tuesday.
- D. The panel recieved the evidence in three separate bundles.

Your answer: _____

Punctuation and grammar faults

Each item turns on a single rule of written English. Decide which version follows the rule, or name the point at which the rule has been broken.

41. error-detection-s05-q01

Which sentence uses the apostrophe correctly?

- A. The companys' logo was redesigned last year.
- B. The company's logo was redesigned last year.
- C. The companys logo was redesigned last year.
- D. The companies logo was redesigned last year.

Your answer: _____

42. error-detection-s05-q02

Where is the error in this sentence? 'Each of the technicians have signed the safety register.'

- A. The word 'Each' should be removed.
- B. 'Technicians' should be singular.
- C. 'Register' should be plural.
- D. The verb should be 'has', not 'have'.

Your answer: _____

43. error-detection-s05-q03

Which sentence contains a comma splice: two complete sentences joined by nothing more than a comma?

- A. The meeting overran, so the vote was postponed.
- B. The meeting overran, the vote was postponed.
- C. The meeting overran and the vote was postponed.
- D. Because the meeting overran, the vote was postponed.

Your answer: _____

44. error-detection-s05-q04

A set of tools belongs to several engineers. Which sentence punctuates that correctly?

- A. The engineers' tools were returned on Friday.
- B. The engineer's tools were returned on Friday.
- C. The engineers tools were returned on Friday.
- D. The engineers's tools were returned on Friday.

Your answer: _____

45. error-detection-s05-q05

Which sentence uses 'its' and 'it's' correctly?

- A. Its been three weeks since the server lost it's backup.
- B. It's been three weeks since the server lost it's backup.
- C. It's been three weeks since the server lost its backup.
- D. Its been three weeks since the server lost its backup.

Your answer: _____

46. error-detection-s05-q06

Which sentence contains a dangling modifier: an opening phrase attached to the wrong subject?

- A. Having reviewed the figures, the auditor signed the report.
- B. After the figures were reviewed, the report was signed.
- C. The auditor signed the report after reviewing the figures.
- D. Having reviewed the figures, the report was signed by the auditor.

Your answer: _____

47. error-detection-s05-q07

Where does this sentence go wrong? 'The report was clear, however it arrived too late to be considered.'

- A. There is no error.
- B. 'However' needs a semicolon or full stop before it, not a comma.
- C. 'Considered' should read 'consider'.
- D. The comma after 'clear' should simply be deleted.

Your answer: _____

48. error-detection-s05-q08

Which sentence keeps its tenses consistent?

- A. She opened the file and finds the figures missing.
- B. She opens the file and found the figures missing.
- C. She had opened the file and finds the figures missing.
- D. She opened the file and found the figures missing.

Your answer: _____

49. error-detection-s05-q09

Which sentence uses the semicolon correctly?

- A. The trial ran for six weeks; the results were published in June.
- B. The trial ran for six weeks; and the results were published in June.
- C. The trial ran for six weeks; because the results were due.
- D. The trial ran; for six weeks before publication.

Your answer: _____

50. error-detection-s05-q10

Where does this sentence go wrong? 'Neither the invoice nor the delivery notes was attached to the email.'

- A. 'Neither' should read 'Either'.
- B. 'Nor' should read 'or'.
- C. The verb should agree with 'notes', giving 'were attached'.
- D. There is no error.

Your answer: _____

Checking totals and calculations

Recompute each figure from the parts you are given. Some of these are correct as they stand, so a clean result is a real answer and not a sign you have missed something.

51. error-detection-s06-q01

A receipt lists three items at £4.50, £2.25 and £8.10, and gives the total as £14.85. Is the total right?

- A. Yes. The total is correct.
- B. No. It is 20p too high.
- C. No. It is 50p too low.
- D. No. It is £1 too high.

Your answer: _____

52. error-detection-s06-q02

An invoice line shows 6 units at £12.50 each and a line total of £70.00. The order confirms both the quantity and the unit price. What is wrong?

- A. Nothing. The line is correct.
- B. The unit price should be £11.67.
- C. The quantity should be 7.
- D. The line total should be £75.00.

Your answer: _____

53. error-detection-s06-q03

A column of figures reads 145, 260, 95 and 300, with a stated total of 810. What is true of the column?

- A. The total is 10 too high.
- B. The total is correct.
- C. The total is 10 too low.
- D. The total is 100 too high.

Your answer: _____

54. error-detection-s06-q04

An invoice reads: 'Subtotal £240.00, discount 15%, amount due £216.00'. Has the discount been applied correctly?

- A. Yes: £216.00 is right.
- B. No. The amount due should be £204.00.
- C. No. The amount due should be £210.00.
- D. No. The discount should be £24.00.

Your answer: _____

55. error-detection-s06-q05

A budget sheet shows staff £12,400, materials £3,850 and travel £1,275, with a grand total of £17,525. Where is the fault?

- A. The materials figure is too low.

- B. The travel figure is too high.
- C. There is no fault. The total is correct.
- D. The staff figure has an extra digit.

Your answer: _____

56. error-detection-s06-q06

A stocktake records 3 boxes of 24, 5 boxes of 12 and 2 boxes of 30, and states the total as 180 items. What is the correct total?

- A. 168
- B. 174
- C. 180
- D. 192

Your answer: _____

57. error-detection-s06-q07

A table states that 45 of 300 survey responses were negative, and gives that as 18%. What should it say?

- A. 15%
- B. 20%
- C. 18% is correct
- D. 13.5%

Your answer: _____

58. error-detection-s06-q08

A running balance reads: opening 500, minus 120, plus 65, minus 90, closing 335. What is true of the closing figure?

- A. It should be 345.
- B. It should be 355.
- C. It is correct.
- D. It should be 365.

Your answer: _____

59. error-detection-s06-q09

A note reads: '2.5 kg of powder at £6 per kg costs £12'. What should the cost be?

- A. £13.50
- B. £14.00
- C. £15.00
- D. £12.00 is correct

Your answer: _____

60. error-detection-s06-q10

An expenses claim covers 4 nights at £89 and 320 miles at 45p per mile, and states the total as £500. What is wrong with it?

- A. The total is £20 too high.
- B. The total is £36 too low.
- C. The mileage has been costed at the wrong rate.
- D. Nothing. The claim adds up correctly.

Your answer: _____

Format and validity checks

Each item states a rule about how an entry must look or what values it may hold. Test the entries against the rule exactly as written, rather than against what looks familiar.

61. error-detection-s07-q01

A form requires dates in DD/MM/YYYY. Which entry cannot be a real date?

- A. 29/02/2024
- B. 31/04/2025
- C. 01/12/2025
- D. 28/02/2026

Your answer: _____

62. error-detection-s07-q02

Every reference must follow the pattern: two capital letters, a hyphen, then four digits. Which entry fails?

- A. QR-4471
- B. ZK-0088
- C. MT-441
- D. PL-9002

Your answer: _____

63. error-detection-s07-q03

Which of these is not a valid email address?

- A. s.iqbal@nortonpress.co.uk
- B. s.iqbal@nortonpress..co.uk
- C. s-iqbal@nortonpress.co.uk
- D. s.iqbal@norton-press.co.uk

Your answer: _____

64. error-detection-s07-q04

A column records each department's share of a budget, so every value must fall between 0 and 100. Which entry is impossible?

- A. 104.2
- B. 0.0
- C. 99.9
- D. 12.5

Your answer: _____

65. error-detection-s07-q05

A time field uses the 24-hour clock. Which entry is invalid?

- A. 00:15
- B. 23:59
- C. 24:10
- D. 13:05

Your answer: _____

66. error-detection-s07-q06

A field must hold a whole number of items. Which entry should be rejected?

- A. 0
- B. seven
- C. 12
- D. 150

Your answer: _____

67. error-detection-s07-q07

A file-naming rule requires the form 'report-YYYY-MM.pdf'. Which filename breaks the rule?

- A. report-2026-03.pdf
- B. report-2025-11.pdf
- C. report-03-2026.pdf
- D. report-2026-12.pdf

Your answer: _____

68. error-detection-s07-q08

A UK postcode field expects an outward part, a space, then a digit followed by two letters. Which entry is malformed?

- A. EH3 9DR
- B. M1 1AE
- C. BS8 2QP
- D. LS114 BX

Your answer: _____

69. error-detection-s07-q09

A required numeric field is left blank on a form, and the system stores it as 0. Why is that a problem?

- A. Zero is not a valid number.
- B. The field should have rejected all numbers.
- C. Zero cannot be stored in a numeric field.
- D. A missing answer and an answer of zero mean different things.

Your answer: _____

70. error-detection-s07-q10

A spreadsheet shows the reference '00471' in one row and '471' in another, and both refer to the same record. What has most likely happened?

- A. The leading zeros were stripped when the value was read as a number.
- B. The record was entered twice by different people.
- C. The reference number was reissued.
- D. The column has been sorted incorrectly.

Your answer: _____

Sequences, ordering and pattern breaks

A series carries its own evidence. Work out what each entry should be from the rule the series follows, then compare that with what is actually there.

71. error-detection-s08-q01

Invoice numbers are issued consecutively. A file contains 3301, 3302, 3304 and 3305. What does the gap indicate?

- A. An invoice is missing from the file.
- B. The invoices have been filed in the wrong order.
- C. Two invoices share a number.
- D. The numbering has restarted.

Your answer: _____

72. error-detection-s08-q02

A list should be in alphabetical order: Ahmed, Beckett, Chowdhury, Dunn, Ellis, Cortez. Which name is out of place?

- A. Beckett
- B. Dunn
- C. Cortez
- D. Ellis

Your answer: _____

73. error-detection-s08-q03

A numbered procedure reads: step 1, step 2, step 3, step 3, step 4. What is the fault?

- A. A step is missing.
- B. A step number is repeated.
- C. The steps are in the wrong order.
- D. The numbering starts too late.

Your answer: _____

74. error-detection-s08-q04

A sequence should increase by 7 each time: 14, 21, 28, 34, 42. Which term breaks the rule?

- A. 34

- B. 21
- C. 28
- D. 42

Your answer: _____

75. error-detection-s08-q05

The page numbers in a printed report run 12, 13, 14, 16, 17. What should be checked first?

- A. Whether the report has been bound the wrong way round.
- B. Whether the numbering font has changed.
- C. Whether page 15 is missing from this copy.
- D. Whether the report should have started at page 1.

Your answer: _____

76. error-detection-s08-q06

A price list should run from lowest to highest but reads: £4.50, £14.50, £4.95, £4.99, £15.00. Which entry sits in the wrong place?

- A. £4.50
- B. £4.95
- C. £4.99
- D. £14.50

Your answer: _____

77. error-detection-s08-q07

A schedule lists start times of 09:00, 09:45, 10:30, 11:00 and 12:00, and states that every session lasts 45 minutes with no breaks. Which start time is inconsistent?

- A. 11:00
- B. 09:45
- C. 10:30
- D. 12:00

Your answer: _____

78. error-detection-s08-q08

A version history reads v1.0, v1.1, v1.2, v1.20, v1.3. What has gone wrong?

- A. A version has been skipped.
- B. Two versions carry the same number.
- C. One entry has been placed as though 20 followed 2.
- D. The history should begin at v0.1.

Your answer: _____

79. error-detection-s08-q09

Every seventh entry in a register should be a review line. Review lines appear at rows 7, 14, 21, 27 and 35. Which one is misplaced?

- A. Row 21
- B. Row 27
- C. Row 35
- D. Row 14

Your answer: _____

80. error-detection-s08-q10

Readings should be taken every 15 minutes. The record shows 10:00, 10:15, 10:30, 10:45, 11:00 and 11:30. What does the record show?

- A. A reading was taken too early.
- B. The readings are in the wrong order.
- C. The interval was changed to 30 minutes throughout.
- D. One scheduled reading is missing.

Your answer: _____

Consistency across documents

Two or more sources describe the same thing. Re-derive the figure or fact they ought to share before deciding which source to query.

81. error-detection-s09-q01

An order confirms 200 units at £3.10 each. The delivery note records 200 units received. The invoice charges £610. What should be queried?

- A. The quantity on the delivery note.
- B. The invoice value, which is £10 below the agreed price.
- C. The unit price on the order.
- D. Nothing: the documents agree.

Your answer: _____

82. error-detection-s09-q02

A specification requires the report to be signed by two directors. The submitted report carries one director's signature and the company secretary's. Is the specification met?

- A. Yes. Two signatures are present.
- B. Yes. The company secretary may sign in a director's place.
- C. It cannot be determined.
- D. No, only one of the two signatures is from a director.

Your answer: _____

83. error-detection-s09-q03

A job advert gives the closing date as 14 March. The application portal shows 4 March. The internal brief says 'two weeks from 28 February'. Which source is the odd one out?

- A. The portal
- B. The advert
- C. The internal brief

- D. None: all three agree

Your answer: _____

84. error-detection-s09-q04

A contract sets payment at 30 days from the invoice date. An invoice dated 3 June is marked 'due 3 July'. A reminder claims the invoice was overdue on 1 July. What is wrong?

- A. The invoice date
- B. The due date, which should be 2 July
- C. The reminder, since nothing was overdue on 1 July
- D. The contract term

Your answer: _____

85. error-detection-s09-q05

A user guide says a device runs for 12 hours on a full charge. The packaging says 'up to 12 hours'. The technical sheet gives 8 hours in continuous use. What is the safest reading?

- A. The guide and the sheet contradict each other, so neither is reliable.
- B. The 12-hour figure is a maximum and the 8-hour figure describes one specific condition.
- C. The packaging must be wrong.
- D. The device runs for 20 hours in total.

Your answer: _____

86. error-detection-s09-q06

A minute records that 'the committee approved options A and C'. The action list that follows contains tasks for options A, B and C. Where is the inconsistency?

- A. Option A appears in both documents.
- B. The minute should have listed the tasks.
- C. The action list is too short.
- D. The action list contains work for an option that was not approved.

Your answer: _____

87. error-detection-s09-q07

A staffing policy requires one supervisor for every eight staff on shift. A rota shows 26 staff and 3 supervisors. Does the rota comply?

- A. No: 26 staff need at least four supervisors.
- B. Yes: three supervisors meet the ratio.
- C. No: 26 staff need at least five supervisors.
- D. It cannot be determined from the rota.

Your answer: _____

88. error-detection-s09-q08

A translated form asks for 'date of arrival' where the original asked for 'date of departure'. The dates are copied straight across. What is the risk?

- A. The form will be rejected for using the wrong language.
- B. Correct-looking dates will be recorded against the wrong event.
- C. The dates will be stored in the wrong format.
- D. There is no risk. Both fields hold a date.

Your answer: _____

89. error-detection-s09-q09

A summary states that 'sales rose in every region'. The table behind it shows North +4%, South +2%, East 0% and West +6%. Is the summary supported?

- A. Yes. The average across regions is positive.
- B. Yes: most regions rose.
- C. No. One region did not rise.
- D. It cannot be judged from the table.

Your answer: _____

90. error-detection-s09-q10

A risk register states that a control has been 'in place since January'. The audit log shows the control was first configured in March. Which conclusion is best supported?

- A. The audit log must be wrong.
- B. The control has never been in place.
- C. Both records are correct as they stand.
- D. The register overstates how long the control has been operating.

Your answer: _____

Faults in reasoning and procedure

The final section moves from checking data to checking arguments and processes. Find the claim or the step that does not hold, even when everything around it is accurate.

91. error-detection-s10-q01

A report concludes: 'Sales rose after we changed the packaging, so the packaging caused the rise.' Where is the weakness?

- A. The sales figures may have been recorded wrongly.
- B. The packaging change was too small to matter.
- C. Something else happening at the same time could explain the rise.
- D. More packaging designs should have been tested.

Your answer: _____

92. error-detection-s10-q02

A quality check tests only the units lying at the top of each crate. Why is the result unreliable?

- A. The sample is too large to interpret.
- B. Units at the top are always the faulty ones.
- C. The test should have been repeated.
- D. The units examined cannot stand for the whole crate.

Your answer: _____

93. error-detection-s10-q03

A procedure reads: 'Step 1. Record the meter reading. Step 2. Reset the meter. Step 3. Confirm the reading has been saved.' Where is the flaw?

- A. Confirmation comes after the reset, so an unsaved reading is already lost.
- B. The meter should never be reset.
- C. Steps 1 and 2 should be combined into one.
- D. There is no flaw in the order.

Your answer: _____

94. error-detection-s10-q04

An argument runs: 'Every accredited supplier passed the audit. Bramwell Ltd passed the audit, so Bramwell Ltd is accredited.' What is wrong with it?

- A. Nothing. The conclusion follows.
- B. The audit may have been carried out incorrectly.
- C. Passing the audit does not require accreditation, so the conclusion does not follow.
- D. Bramwell Ltd may have passed a different audit.

Your answer: _____

95. error-detection-s10-q05

A spreadsheet formula averages a column of values but the range includes the total row. What effect does that have?

- A. None. The total does not change the average.
- B. The average is inflated, because the total is counted as another value.
- C. The average becomes zero.
- D. The average is exactly halved.

Your answer: _____

96. error-detection-s10-q06

A survey of current website users finds 92% are satisfied, and the report concludes that 92% of customers are satisfied. What is the fault?

- A. The sample size is not stated.
- B. Satisfaction cannot be measured as a percentage.
- C. The survey should have been anonymous.
- D. Customers who stopped using the site could never have been surveyed.

Your answer: _____

97. error-detection-s10-q07

A checklist is signed off by the same person who carried out the work. Why is that a control weakness?

- A. The work will take longer to complete.
- B. The checklist is likely to be left incomplete.

- C. The same misunderstanding that caused an error will hide it at review.
- D. Two signatures are required on every document by law.

Your answer: _____

98. error-detection-s10-q08

A test passes on the developer's own machine and this is offered as proof that the release is safe. What has been overlooked?

- A. The conditions on that machine may differ from those where the release will run.
- B. Tests can never provide evidence about software.
- C. The test should have been run a second time.
- D. The release should not have been tested before approval.

Your answer: _____

99. error-detection-s10-q09

A weekly report announces that 'complaints fell by 50% this week'. Last week there were 4 complaints; this week there were 2. Why might the headline mislead?

- A. The percentage has been calculated wrongly.
- B. A fall in complaints is never good news.
- C. The comparison should have used a total rather than a percentage.
- D. A percentage drawn from very small counts exaggerates ordinary variation.

Your answer: _____

100. error-detection-s10-q10

A validation rule rejects any date later than today. A user enters a planned delivery date and the entry is refused. Where is the fault?

- A. The user should have entered a past date.
- B. The rule has been applied to a field where future dates are legitimate.
- C. Delivery dates should not be validated at all.
- D. The rule should reject past dates as well.

Your answer: _____

Authored hints

This cognitive practice source does not publish authored hints. Every item is listed as missing a hint, and no hint text is generated or inferred.

100 worksheet items do not have an authored hint. No hint text was generated for them.

Answer key

The answer key and worked explanations in this file belong only to this public, untimed educational practice source. No active aptitude suite or Novus Reasoning Challenge answer key is ever included in any download.

Error detection: full practice bank: open practice pack answer key

Item	Choice	Answer
error-detection-q1	A	Identical
error-detection-q5	A	Identical
error-detection-q2	B	Different
error-detection-s01-q04	A	Two digits have changed places
error-detection-s01-q05	B	A letter has been dropped from the street name
error-detection-s01-q06	C	In the month
error-detection-s01-q07	D	KTP-9034-BV
error-detection-s01-q08	B	Two digits have swapped places
error-detection-s01-q09	A	One version carries an extra trailing digit
error-detection-s01-q10	C	No: the house number differs
error-detection-q3	C	C) 5502-8871-043
error-detection-q6	D	PD-500
error-detection-s02-q03	B	TL-3390-KD
error-detection-s02-q04	C	4437
error-detection-s02-q05	C	r.okafor@medlim.co.uk
error-detection-s02-q06	B	G8-1174
error-detection-s02-q07	D	GH24680
error-detection-s02-q08	A	03/09
error-detection-s02-q09	A	Qty 3.5
error-detection-s02-q10	D	2.4 mm
error-detection-q4	B	Weight differs
error-detection-s03-q02	C	The party size
error-detection-s03-q03	A	The cable length
error-detection-s03-q04	D	The payroll total
error-detection-s03-q05	B	The pallet count
error-detection-s03-q06	D	The day and month have been reversed
error-detection-s03-q07	C	The invoice total
error-detection-s03-q08	A	The end date
error-detection-s03-q09	B	The last four digits
error-detection-s03-q10	D	Closing
error-detection-s04-q01	A	comittee
error-detection-s04-q02	B	occurrence
error-detection-s04-q03	C	effect
error-detection-s04-q04	A	seperate
error-detection-s04-q05	C	maintenance
error-detection-s04-q06	B	The engineer checked the the pressure valve before the test.
error-detection-s04-q07	A	where
error-detection-s04-q08	C	accommodation
error-detection-s04-q09	D	throughly

error-detection-s04-q10	D	The panel recieved the evidence in three separate bundles.
error-detection-s05-q01	B	The company's logo was redesigned last year.
error-detection-s05-q02	D	The verb should be 'has', not 'have'.
error-detection-s05-q03	B	The meeting overran, the vote was postponed.
error-detection-s05-q04	A	The engineers' tools were returned on Friday.
error-detection-s05-q05	C	It's been three weeks since the server lost its backup.
error-detection-s05-q06	D	Having reviewed the figures, the report was signed by the auditor.
error-detection-s05-q07	B	'However' needs a semicolon or full stop before it, not a comma.
error-detection-s05-q08	D	She opened the file and found the figures missing.
error-detection-s05-q09	A	The trial ran for six weeks; the results were published in June.
error-detection-s05-q10	C	The verb should agree with 'notes', giving 'were attached'.
error-detection-s06-q01	A	Yes. The total is correct.
error-detection-s06-q02	D	The line total should be £75.00.
error-detection-s06-q03	A	The total is 10 too high.
error-detection-s06-q04	B	No. The amount due should be £204.00.
error-detection-s06-q05	C	There is no fault. The total is correct.
error-detection-s06-q06	D	192
error-detection-s06-q07	A	15%
error-detection-s06-q08	B	It should be 355.
error-detection-s06-q09	C	£15.00
error-detection-s06-q10	D	Nothing. The claim adds up correctly.
error-detection-s07-q01	B	31/04/2025
error-detection-s07-q02	C	MT-441
error-detection-s07-q03	B	s.iqbal@nortonpress..co.uk
error-detection-s07-q04	A	104.2
error-detection-s07-q05	C	24:10
error-detection-s07-q06	B	seven
error-detection-s07-q07	C	report-03-2026.pdf
error-detection-s07-q08	D	LS114 BX
error-detection-s07-q09	D	A missing answer and an answer of zero mean different things.
error-detection-s07-q10	A	The leading zeros were stripped when the value was read as a number.
error-detection-s08-q01	A	An invoice is missing from the file.
error-detection-s08-q02	C	Cortez
error-detection-s08-q03	B	A step number is repeated.
error-detection-s08-q04	A	34
error-detection-s08-q05	C	Whether page 15 is missing from this copy.
error-detection-s08-q06	D	£14.50
error-detection-s08-q07	A	11:00
error-detection-s08-q08	C	One entry has been placed as though 20 followed 2.
error-detection-s08-q09	B	Row 27

error-detection-s08-q10	D	One scheduled reading is missing.
error-detection-s09-q01	B	The invoice value, which is £10 below the agreed price.
error-detection-s09-q02	D	No, only one of the two signatures is from a director.
error-detection-s09-q03	A	The portal
error-detection-s09-q04	C	The reminder, since nothing was overdue on 1 July
error-detection-s09-q05	B	The 12-hour figure is a maximum and the 8-hour figure describes one specific condition.
error-detection-s09-q06	D	The action list contains work for an option that was not approved.
error-detection-s09-q07	A	No: 26 staff need at least four supervisors.
error-detection-s09-q08	B	Correct-looking dates will be recorded against the wrong event.
error-detection-s09-q09	C	No. One region did not rise.
error-detection-s09-q10	D	The register overstates how long the control has been operating.
error-detection-s10-q01	C	Something else happening at the same time could explain the rise.
error-detection-s10-q02	D	The units examined cannot stand for the whole crate.
error-detection-s10-q03	A	Confirmation comes after the reset, so an unsaved reading is already lost.
error-detection-s10-q04	C	Passing the audit does not require accreditation, so the conclusion does not follow.
error-detection-s10-q05	B	The average is inflated, because the total is counted as another value.
error-detection-s10-q06	D	Customers who stopped using the site could never have been surveyed.
error-detection-s10-q07	C	The same misunderstanding that caused an error will hide it at review.
error-detection-s10-q08	A	The conditions on that machine may differ from those where the release will run.
error-detection-s10-q09	D	A percentage drawn from very small counts exaggerates ordinary variation.
error-detection-s10-q10	B	The rule has been applied to a field where future dates are legitimate.

Worked explanations

error-detection-q1: Both invoice numbers match exactly, character for character.

error-detection-q5: Both dates are written identically.

error-detection-q2: The first names differ: 'Jonathan' vs 'Jonathon'.

error-detection-s01-q04: Both entries contain the same characters, but 42 has become 24 in the middle block: a transposition, which is the commonest copying slip. Comparing digit positions rather than reading the code as a whole is what exposes it.

error-detection-s01-q05: Halstead has lost its second 'a' and become Halsted. Unfamiliar proper nouns have to be read letter by letter rather than by their overall shape, or single dropped characters slip through.

error-detection-s01-q06: The order numbers agree and so does the day; only the month differs, 03 against 08. Splitting a date into its parts before comparing keeps a single changed digit from passing unnoticed.

error-detection-s01-q07: Only one copy keeps every block intact; the others change the final letter, swap the first two letters, and transpose the middle digits. Checking block by block (letters, digits, letters) is faster and safer than reading the whole string at once.

error-detection-s01-q08: Both figures use the same digits and the same decimal placement, but 45 has become 54. Transposed digits change a value without changing its length, so counting characters will never

catch them.

error-detection-s01-q09: The two strings agree up to the seventh character, but one continues with a further 0 and so runs one character longer. Comparing lengths first is the quickest way to find an inserted or dropped character.

error-detection-s01-q10: Flat 2B and Wentworth Road both agree, but the house number has changed from 118 to 181. Numbers built from repeated digits are the easiest to misread, so compare them one position at a time.

error-detection-q3: The mismatched account number ends '...043' instead of the reference's '...034', the last two digits are transposed.

error-detection-q6: Every other code uses the 'PC-' prefix; 'PD-500' breaks the pattern.

error-detection-s02-q03: Only one copy keeps all three blocks: the letters TL, the digits 3390 and the letters KD. The others turn D into O, transpose 39 into 93, and replace the letter L with a capital I, substitutions that all survive a quick glance.

error-detection-s02-q04: A consecutive run from 4471 gives 4471, 4472, 4473, 4474, so the third entry should read 4473 rather than 4437. Testing a series against the sequence it is meant to follow turns a hard comparison into an easy one.

error-detection-s02-q05: One address ends its domain with 'medlim' rather than 'medlin'. Letters built from the same strokes (n against m, or rn against m) are the hardest substitutions to see, so read a domain one character at a time.

error-detection-s02-q06: One entry opens with the digit 8 in place of the letter B, so its prefix reads G8. When a rule concerns a prefix, read only the opening characters of every entry in a single pass rather than the whole code.

error-detection-s02-q07: Counting characters gives 8, 8, 8 and 7, so one reference is a character short. Where a rule is about length, count rather than compare, the eye judges string length very poorly.

error-detection-s02-q08: Weekly dates rise in steps of seven, so a run ending 11, 18, 25 must begin on the 4th; the list opens on the 3rd instead. Testing a series against the step it should follow is easier than comparing its entries with one another.

error-detection-s02-q09: Three lines give whole counts, while one gives 3.5, which is not a whole number and so fails the stated format. Checking the shape of an entry is a separate task from asking whether its value looks plausible.

error-detection-s02-q10: 240 mm, 0.24 m and 24 cm are three ways of writing the same length, while 2.4 mm is a hundredth of it. Converting every value into a single unit before comparing is what makes a stray decimal point visible.

error-detection-q4: The quantities match (120), but the weights differ: 45.6kg vs 46.5kg.

error-detection-s03-q02: Name, date and table number all agree; only the party size differs, 4 against 6. Comparing records field by field, in the same order each time, stops one changed value hiding among matching ones.

error-detection-s03-q03: Quantity, unit price and item description all match, but the order asks for 3 m while the invoice supplies 2 m. A specification buried inside a description is as much a checkable field as the numbers beside it.

error-detection-s03-q04: The four daily figures are identical in both records and add to 30.5, so the payroll total of 31.0 is the entry at fault. Recomputing a total from its parts is the only way to decide which of two disagreeing totals to trust.

error-detection-s03-q05: Box count and destination agree, while the pallet count does not: 2 against 3. Naming the disagreeing field precisely turns a vague sense that something is wrong into a query someone can actually answer.

error-detection-s03-q06: Both records use the same three numbers and the same year, but 04/11 has become 11/04, so day and month have exchanged places. Dates written under different conventions produce this error whenever the day is 12 or lower, because both readings look valid.

error-detection-s03-q07: 480 plus 96 comes to 576, which is what the quotation shows, so the invoice total of 567 has two digits transposed. Adding the components yourself is what decides which of two conflicting totals is right.

error-detection-s03-q08: A 24-month term beginning on 1 April 2026 runs to 31 March 2028, but the summary closes it a year early. Where a record states both a duration and an end point, derive one from the other rather than reading each on its own.

error-detection-s03-q09: Country code and middle block are identical, while the final block reads 0461 in one record and 0416 in the other. Splitting a long number into the blocks it is written in reduces one hard comparison to three easy ones.

error-detection-s03-q10: Opening plus receipts minus issues gives $120 + 45 - 60 = 105$, so a closing figure of 115 cannot follow from the other three. Rebuilding a balance from its movements is the standard way to locate the entry at fault.

error-detection-s04-q01: Committee doubles the m as well as the t and the e, but the sentence gives only one m. Words carrying several doubled letters repay checking one pair at a time.

error-detection-s04-q02: Occurrence doubles both the c and the r and ends in -ence. The r doubles because the stress in occur falls on the final syllable, which is the general rule when a suffix is added.

error-detection-s04-q03: The sentence needs affect, the verb meaning to influence; effect as a verb means to bring something about, which is not what rules do to departments. A spellchecker accepts both, so this class of error survives every automatic check.

error-detection-s04-q04: Separate carries an a in the middle, from the Latin parare, although it is very often written with an e. Learning the root of a troublesome word is far more reliable than sounding it out.

error-detection-s04-q05: Maintenance ends in -ance rather than -ence. Unstressed vowels in the middle of long words give no clue in speech, so they have to be learned or looked up rather than heard.

error-detection-s04-q06: One sentence repeats the word 'the'. Doubled short words are easy to read straight past, because the eye takes in a phrase as a unit rather than word by word.

error-detection-s04-q07: The notice needs wear, the verb for putting on a badge, not where, which asks about a place. Homophones are spelled correctly in themselves, so only reading for meaning will catch them.

error-detection-s04-q08: Accommodation doubles both the c and the m. Where a word can double two different letters, test each pair separately instead of judging the word by its overall look.

error-detection-s04-q09: Thoroughly keeps its o after the r; thoroughly is a different word and no longer in ordinary use. Misspellings that differ from a common word by a single letter are the hardest of all to see.

error-detection-s04-q10: One sentence writes receive with its vowels reversed, and after a c the e comes first. Attention tends to be drawn to the longer words in a sentence, which is exactly where the error is not.

error-detection-s05-q01: A single company owns the logo, so the apostrophe belongs before the s. Deciding how many owners there are, before placing the mark, settles almost every apostrophe question.

error-detection-s05-q02: The subject is 'each', which is singular, so the verb must be has; the plural noun sits inside a phrase that describes the subject rather than being it. Stripping the phrase out leaves 'each has signed', which settles the choice.

error-detection-s05-q03: Two statements that could each stand alone need a full stop, a semicolon or a joining word between them, not just a comma. Testing whether each half works as its own sentence is what exposes the splice.

error-detection-s05-q04: A plural that already ends in s takes the apostrophe after the s and adds nothing

further. Placing the mark before the s would change the meaning to a single owner.

error-detection-s05-q05: It's is only ever short for 'it is' or 'it has', while its shows possession and takes no apostrophe. Reading the sentence with 'it is' substituted shows at once which form belongs in each place.

error-detection-s05-q06: An opening phrase describes whoever performs its action, so the subject that follows must be that person. Here it is the report, which cannot review anything. Ask who is doing the opening action, then read the next noun.

error-detection-s05-q07: However joins two complete statements here, and a comma is too weak to hold them together. The same test applies as for any comma splice: could each half stand as a sentence on its own?

error-detection-s05-q08: Both actions belong to the same past moment, so both verbs take the past form. Reading a sentence for its verbs alone makes an unintended shift of tense stand out.

error-detection-s05-q09: A semicolon joins two statements that could each stand alone, and no joining word is needed after it. Anything that cannot stand as a sentence belongs after a comma instead.

error-detection-s05-q10: With neither and nor, the verb agrees with whichever subject stands nearer to it, and 'delivery notes' is plural. Reading only the nearer subject together with the verb decides the form.

error-detection-s06-q01: Adding the three prices gives exactly £14.85, so the receipt agrees with its own lines. Checking a total is a separate task from checking the individual prices, and both are worth doing.

error-detection-s06-q02: Six units at £12.50 come to £75.00, so the stated line total falls £5 short. Where a line gives quantity, price and total, recompute the total first. It is the figure most often keyed by hand.

error-detection-s06-q03: The four figures add to 800, so a stated total of 810 overstates the column by 10. Adding in convenient pairs, $145 + 95 = 240$ and $260 + 300 = 560$, makes the recount quicker and less error-prone than working straight down.

error-detection-s06-q04: Fifteen per cent of £240 is £36, leaving £204; the invoice has deducted only ten per cent. Working a percentage out in parts (ten per cent is £24, half of that is £12) keeps the check quick and mental.

error-detection-s06-q05: The three lines add to £17,525, which matches the stated grand total exactly. A check that comes back clean is still a result, so resist the pull to keep hunting for an error that is not there.

error-detection-s06-q06: Work each line before adding: $3 \times 24 = 72$, $5 \times 12 = 60$ and $2 \times 30 = 60$, which come to 192. The stated figure is short by exactly 12, the size of one box that has been left out.

error-detection-s06-q07: 45 out of 300 is the same proportion as 15 out of 100, which is 15 per cent. Reducing the fraction to a denominator of 100 avoids a division and makes the check easy to do in your head.

error-detection-s06-q08: Working through the movements gives 380, then 445, then 355, so the stated close of 335 is 20 too low. Carrying each intermediate figure forward, rather than combining all the movements at once, shows where a running balance goes astray.

error-detection-s06-q09: Two kilograms cost £12 and the remaining half kilogram costs £3, giving £15. Splitting a quantity into a whole part and a remainder is a quick way to check a multiplication that involves a decimal.

error-detection-s06-q10: Four nights come to £356 and 320 miles at 45p come to £144, and those two figures together make exactly £500. Checking each component separately before adding them is what lets you call a total right rather than merely plausible.

error-detection-s07-q01: April has only thirty days, so a thirty-first cannot exist, whereas 2024 was a leap year and 29 February was real. Checking a date against the length of its own month is a validity test that the format alone cannot provide.

error-detection-s07-q02: One entry supplies only three digits after the hyphen, so it breaks the pattern even

though it has the same general shape as the rest. Reading a rule as a checklist of parts (letters, separator, digit count) makes each part separately testable.

error-detection-s07-q03: A domain cannot carry two dots in a row with nothing between them, which is what one address does. Hyphens are permitted in both the local part and the domain, so they are not the fault here.

error-detection-s07-q04: A share above one hundred per cent cannot be a part of a whole, while zero sits inside the permitted range and simply means none. Range checks catch the errors that format checks let through.

error-detection-s07-q05: The 24-hour clock runs from 00:00 to 23:59, so any entry whose hour reads 24 falls outside it; midnight is written 00:00. Testing the first pair of digits against its permitted range is the whole of the check.

error-detection-s07-q06: One entry gives the number as a word, which is not a numeric value however clearly it reads. Systems check the type of an entry before its value, and a word fails at that first step.

error-detection-s07-q07: One filename puts the month before the year, reversing the order the rule sets out. Naming rules are checked by reading each element in turn, not by confirming that all the right pieces appear somewhere.

error-detection-s07-q08: One entry gives only two letters after the space, with no leading digit, and has absorbed that digit into the outward part instead. Postcodes are easiest to validate by testing the block on each side of the space separately.

error-detection-s07-q09: Recording an absent value as zero turns 'we do not know' into 'we measured none', which will distort every later total and average. Keeping missing data distinct from genuine zeros is a basic safeguard in any record.

error-detection-s07-q10: Identifiers that begin with zeros lose them as soon as they are treated as numbers rather than text, which is why one reference appears in two forms. Storing codes as text preserves every character, including those that carry no arithmetic value.

error-detection-s08-q01: A consecutive series with 3303 absent means that invoice has not reached the file, not that the others are wrong. Gaps are evidence about what is missing, which is the whole reason sequential numbering is used.

error-detection-s08-q02: Reading only the initials gives A, B, C, D, E, C, so the final name should sit third, before Dunn. Checking the first letters of a sorted list is enough to find most ordering faults without reading the entries in full.

error-detection-s08-q03: Two steps carry the number 3, so anyone told to return to step 3 has no way of knowing which is meant. Duplicated identifiers cause different trouble from missing ones, and both are found by reading the numbers on their own.

error-detection-s08-q04: Adding 7 each time gives 14, 21, 28, 35, 42, so the fourth term is one short. Checking the difference between neighbouring terms turns a pattern question into simple subtraction.

error-detection-s08-q05: The simplest explanation for a break in a printed sequence is an absent page, and it can be confirmed by seeing whether the text runs on across the gap. Test the simplest explanation before assuming a deeper fault.

error-detection-s08-q06: Reading the values in order gives 4.50, 14.50, 4.95, 4.99, 15.00, so one large price has been dropped in among the small ones. This is the signature of a list sorted as text, where anything beginning with 1 comes before anything beginning with 4.

error-detection-s08-q07: Successive 45-minute sessions run 09:00, 09:45, 10:30, 11:15 and 12:00, so the fourth start is a quarter of an hour early. Rebuilding a schedule from its stated interval is quicker than measuring each gap in turn.

error-detection-s08-q08: Version 1.20 is a later release than 1.3, but it has been slotted in as though its

number were text following '1.2'. Version numbers are compared part by part as numbers, which is why 20 outranks 3.

error-detection-s08-q09: The multiples of seven run 7, 14, 21, 28, 35, so a review line at row 27 sits one row early. Where a rule states an interval, generate the expected values and compare, rather than measuring each gap separately.

error-detection-s08-q10: The run is regular until the final gap, which is twice the stated interval, so the 11:15 reading has not been recorded. A doubled gap in an otherwise regular series points to an omission rather than a mistimed entry.

error-detection-s09-q01: Two hundred units at £3.10 come to £620, so the invoice falls £10 short of the agreed terms. Checking three documents against one another means recomputing the figure they should share, not merely reading each one in turn.

error-detection-s09-q02: The requirement is not two signatures but two directors, and only one signatory holds that office. Reading a requirement for the exact role it names, rather than for the count alone, is what makes the check bite.

error-detection-s09-q03: Two weeks after 28 February is 14 March, which matches the advert, leaving the portal's 4 March standing alone with its leading 1 lost. Where three sources disagree, the one that can be derived from a stated rule usually settles which is right.

error-detection-s09-q04: Thirty days from 3 June falls on 3 July, so nothing could be overdue two days earlier. Checking a claim about lateness means recomputing the deadline from the agreed term rather than accepting the reminder's own arithmetic.

error-detection-s09-q05: 'Up to 12 hours' states a ceiling, while eight hours describes a stated pattern of use, so both figures can be true at once. Before recording a contradiction, check whether the two figures were measured under the same conditions.

error-detection-s09-q06: Only two options were approved, yet three appear in the tasks, so work has been created without a decision behind it. Comparing a decision with what follows from it is a different check from comparing two copies of the same text.

error-detection-s09-q07: Twenty-six staff split into groups of eight need four supervisors, because three cover only twenty-four. A ratio written as 'one per eight' always rounds upwards whenever the division leaves a remainder.

error-detection-s09-q08: A value can be perfectly valid and still sit in the wrong field, which no format check will ever detect. Confirming that a label means the same thing on both documents matters as much as checking the value beneath it.

error-detection-s09-q09: A claim about every region fails the moment a single region did not rise, and the East was flat. Testing a universal claim means looking for one counter-example, not weighing up the overall picture.

error-detection-s09-q10: The log records a specific dated event in March, so a claim of coverage from January cannot be supported for those two months. When a general claim meets a dated record, the dated record is the stronger evidence.

error-detection-s10-q01: One event following another does not establish that the first caused the second; a seasonal peak or a price change would account for it equally well. Look for a rival explanation before accepting any causal claim.

error-detection-s10-q02: Handling and settling affect the bottom of a crate differently from the top, so a top-only sample says nothing dependable about the rest. A sampling method is sound only if every part of the batch could have been selected.

error-detection-s10-q03: Once the meter is reset the original value has gone, so the check that would catch a failed save happens too late to be any use. A verification step belongs before any action that destroys what is

being verified.

error-detection-s10-q04: The first statement rules out accredited suppliers failing, but says nothing at all about who else might pass. Reversing a conditional in this way is among the commonest faults in written reasoning.

error-detection-s10-q05: A total is far larger than any single value, so including it roughly doubles the sum being averaged and pulls the result upwards. Checking which cells a formula actually covers is part of checking the number it produces.

error-detection-s10-q06: The people most likely to be dissatisfied are the ones who left and so never saw the survey, which pushes the result upwards. Ask who could not have been included before generalising from any sample.

error-detection-s10-q07: Self-review reproduces whatever misreading produced the error in the first place, so it detects far less than a second pair of eyes. Separating the doing from the checking is the entire point of a sign-off.

error-detection-s10-q08: A single environment can hide missing settings, files or versions that only appear elsewhere, so a pass there is weak evidence about anywhere else. State the conditions a result depends on before extending it to other cases.

error-detection-s10-q09: Moving from four complaints to two is a change of two, well within week-to-week variation, yet it reads as a halving. Percentages need their underlying counts printed alongside them before they can be interpreted.

error-detection-s10-q10: A rule that suits a date of birth is wrong for a planned delivery, because the two fields permit opposite ranges. Checking that a rule matches the meaning of its field matters as much as checking that the rule runs.

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