3.48-3 Verbal Reasoning: Sequences Set 3: 10-minute Pack

GL ASSESSMENT GL-style-VR · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Each question in this set shows a sequence of letters, a series of numbers, an alphabet position puzzle, or a mixed letter-and-number code, and each follows its own hidden rule. Work out the rule connecting the terms you are given (a fixed step, a growing or shrinking gap, a doubling rule, an alternating pattern, or a rule linking a letter to its position number), then choose the option, A to E, that continues the pattern correctly. This is the third set in the series and includes some deliberately trickier two-step and interleaved patterns. Every question is worth 1 mark.

Worked example. Find the letter that continues the sequence: B, E, H, K, (?) A) M B) N C) L D) O E) P **Answer: B) N.** Each letter's position increases by 3: B=2, E=5, H=8, K=11. Adding 3 more gives 14, which is N. Option A (M=13) adds only 2; option C (L=12) adds only 1; option D (O=15) adds 4; option E (P=16) adds 5, all missing the true step of 3.

1 Find the letter that continues the sequence: D, F, H, J, (?)

- ☐ A) K
- ☐ B) M
- ☐ C) L
- ☐ D) J
- ☐ E) N

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2 Find the letter that continues the sequence: Y, X, V, U, S, R, (?)

- ☐ A) P
- ☐ B) Q
- ☐ C) R
- ☐ D) N
- ☐ E) O

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3 Find the term that continues the sequence: GG, HH, II, JJ, (?)

- ☐ A) KK
- ☐ B) IJ
- ☐ C) KJ
- ☐ D) JJ
- ☐ E) LL

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4 Find the next number in this series: 7, 11, 15, 19, (?)

- ☐ A) 21
- ☐ B) 25
- ☐ C) 22
- ☐ D) 23
- ☐ E) 27

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5 Find the next number in this series: 3, 6, 12, 24, (?)

- ☐ A) 26
- ☐ B) 30
- ☐ C) 42
- ☐ D) 36
- ☐ E) 48

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6 Find the next number in this series: 90, 80, 70, 60, (?)

- ☐ A) 55
- ☐ B) 50
- ☐ C) 45
- ☐ D) 52
- ☐ E) 40

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7 Find the next number in this series: 400, 200, 100, 50, (?)

- ☐ A) 20
- ☐ B) 30
- ☐ C) 10
- ☐ D) 25
- ☐ E) 45

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8 Find the next number in this series: 6, 9, 13, 18, (?)

- [ ] A) 25
- [ ] B) 23
- [ ] C) 21
- [ ] D) 22
- [ ] E) 24

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9 Find the next number in this series: 2, 9, 16, 23, (?)

- [ ] A) 30
- [ ] B) 33
- [ ] C) 28
- [ ] D) 32
- [ ] E) 29

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10 Find the next number in this series: 1, 3, 9, 27, (?)

- [ ] A) 78
- [ ] B) 54
- [ ] C) 30
- [ ] D) 84
- [ ] E) 81

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11 Find the next number in this series: 3, 4, 8, 9, 13, 14, (?)

- [ ] A) 15
- [ ] B) 19
- [ ] C) 17
- [ ] D) 18
- [ ] E) 22

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12 Find the letter that continues the sequence: Y, W, U, S, (?)

- [ ] A) O
- [ ] B) R
- [ ] C) P
- [ ] D) S
- [ ] E) Q

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13 Find the next number in this series: 50, 44, 47, 41, 44, 38, (?)

- [ ] A) 32
- [ ] B) 41
- [ ] C) 45
- [ ] D) 35
- [ ] E) 44

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Mark scheme · 3.48-3 Verbal Reasoning: Sequences Set 3: 10-minute Pack

Question 1

C) L - the letters move up the alphabet in steps of two (D, F, H, J, L); cao **B1**

Answer: C) L

Question 2

A) P - the gaps alternate -1, -2, -1, -2, so after R (a -1 step) the next step is -2; cao **B1**

Answer: A) P

Question 3

A) KK - each letter is written twice, and the doubled letter moves on by one each time (GG, HH, II, JJ, KK); cao **B1**

Answer: A) KK

Question 4

D) 23 - each term increases by 4 (7, 11, 15, 19, 23); cao **B1**

Answer: D) 23

Question 5

E) 48 - each term doubles the one before it (3, 6, 12, 24, 48); cao **B1**

Answer: E) 48

Question 6

B) 50 - each term decreases by 10 (90, 80, 70, 60, 50); cao **B1**

Answer: B) 50

Question 7

D) 25 - each term is halved (400, 200, 100, 50, 25); cao **B1**

Answer: D) 25

Question 8

E) 24 - the gaps grow by one each time (+3, +4, +5), so the next gap is +6; cao **B1**

Answer: E) 24

Question 9

A) 30 - each term increases by 7 (2, 9, 16, 23, 30); cao **B1**

Answer: A) 30

Question 10

E) 81 - each term is multiplied by 3 (1, 3, 9, 27, 81); cao **B1**

Answer: E) 81

Question 11

D) 18 - the gaps alternate +1, +4, +1, +4, so after 14 (a +1 step) the next step is +4; cao **B1**

Answer: D) 18

Question 12

E) Q - the letters move back through the alphabet in steps of two (Y, W, U, S, Q); cao **B1**

Answer: E) Q

Question 13

B) 41 - the gaps alternate -6, +3, -6, +3, so after 38 (a -6 step) the next step is +3; cao **B1**

Answer: B) 41

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