

Cognitive Abilities Test™ Practice Activities

Form 7

Quantitative Tests

Level **12**

CogAT®

Number Analogies

- 1** [9 → 12] [17 → 20] [16 → ?]
A 23 B 22 C 21 D 20 E 19
- 2** [7 → 14] [9 → 18] [1 → ?]
J 2 K 3 L 8 M 9 N 10
- 3** [12 → 4] [16 → 8] [20 → ?]
A 16 B 12 C 10 D 8 E 6
- 4** [18 → 9] [12 → 6] [24 → ?]
J 19 K 18 L 15 M 13 N 12
- 5** [10 → 22] [8 → 18] [4 → ?]
A 13 B 12 C 11 D 10 E 9
- 6** [7 → 20] [1 → 2] [4 → ?]
J 14 K 13 L 12 M 11 N 10

Number Puzzles

1

$$\boxed{?} - 4 = 3$$

A 8

B 7

C 6

D 4

E 1

2

$$\boxed{?} + \diamond = 9$$

$$\diamond = 5$$

J 3

K 4

L 5

M 6

N 14

3

$$\boxed{?} + 7 = \diamond$$

$$\diamond - 8 = 6$$

A 21

B 16

C 14

D 9

E 7

4

$$\boxed{?} \times 2 = \diamond + 8$$

$$\diamond + 4 = 8$$

J 12

K 10

L 8

M 6

N 4

Number Puzzles

5

$$\boxed{?} = \diamond + 6$$

$$12 = \diamond - \bullet$$

$$\bullet = 5$$

A 23

B 17

C 13

D 11

E 7

6

$$\boxed{?} = \diamond + 3$$

$$\bullet = \diamond \times 2$$

$$\bullet = 6$$

J 15

K 12

L 6

M 4

N 3

Number Series

1 6 10 14 18 →

A 16 **B** 20 **C** 22 **D** 24 **E** 28

2 4 3 5 4 6 →

J 1 **K** 3 **L** 5 **M** 7 **N** 9

3 3 3 5 3 7 3 →

A 6 **B** 7 **C** 8 **D** 9 **E** 10

4 1 2 3 2 4 6 3 →

J 3 **K** 4 **L** 5 **M** 6 **N** 7

5 2 7 11 14 →

A 15 **B** 16 **C** 17 **D** 18 **E** 20

6 13 6 12 7 3 6 4 →

J 1 **K** 2 **L** 3 **M** 4 **N** 6