

# Cognitive Abilities Test™ Practice Activities

Form 7

## Quantitative Tests

Level 9

*CogAT*®

# Number Analogies

1

9	→	10
8	→	9
7	→	?

7

8

9

10

A

B

C

D

2

10	→	8
8	→	6
6	→	?

4

6

8

10

J

K

L

M

3

7	→	14
9	→	18
1	→	?

2

3

8

10

A

B

C

D

# Number Analogies

**4**     [12 → 4]     [16 → 8]     [20 → ?]

**J** 16     **K** 12     **L** 10     **M** 8     **N** 6

**5**     [18 → 9]     [12 → 6]     [24 → ?]

**A** 19     **B** 18     **C** 15     **D** 13     **E** 12

**6**     [2 → 5]     [4 → 9]     [3 → ?]

**J** 4     **K** 5     **L** 6     **M** 7     **N** 8

# Number Puzzles

1

$$3 = 7 - \boxed{?}$$

A 4

B 5

C 6

D 10

2

$$8 = 6 + 5 - \boxed{?}$$

J 11

K 4

L 3

M 2

3

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

$$\diamond = 5$$

A 3

B 4

C 5

D 6

E 14

4

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

$$\diamond = 1$$

J 11

K 10

L 9

M 8

N 7

# Number Puzzles

5

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

$$\diamond - 8 = 6$$

A 21

B 16

C 14

D 9

E 7

6

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

$$12 = \diamond - \bullet$$

$$\bullet = 5$$

J 23

K 17

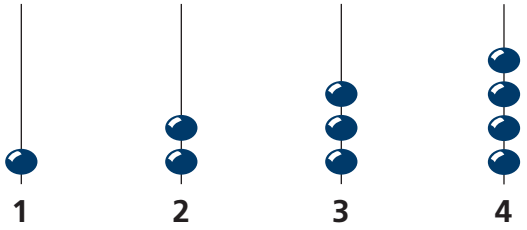
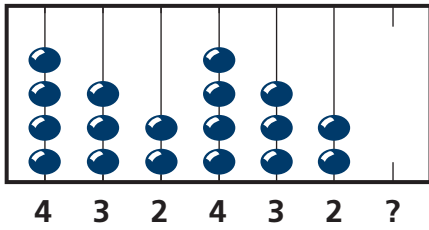
L 13

M 11

N 7

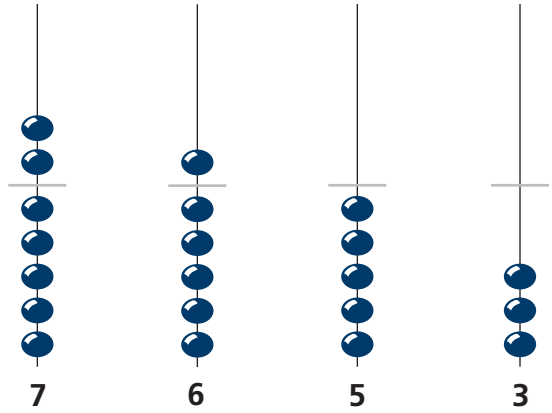
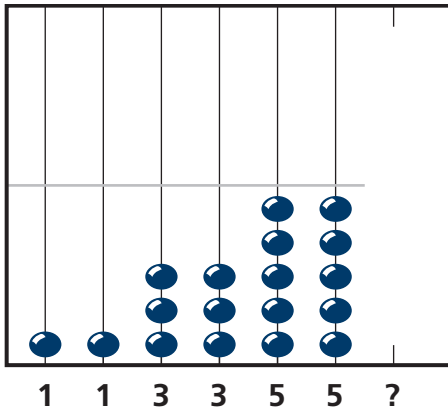
# Number Series

1



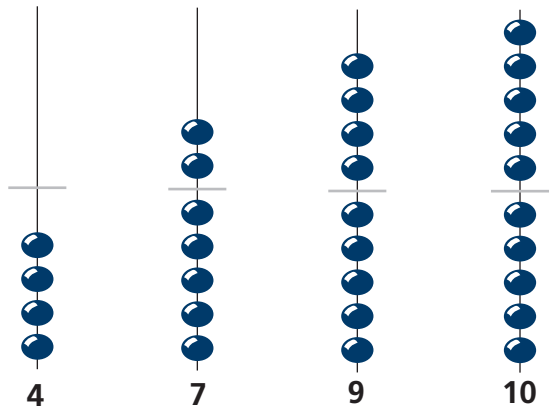
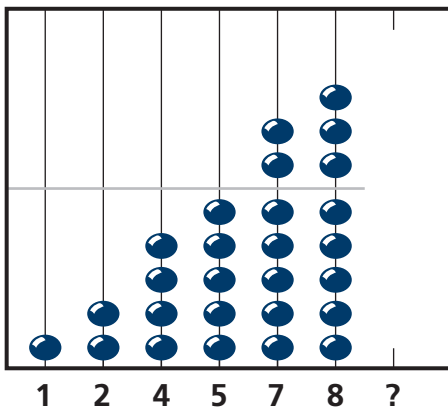
A B C D

2



J K L M

3



A B C D

# Number Series

**4**    6    10    14    18    →

**J** 16        **K** 20        **L** 22        **M** 24        **N** 28

**5**    4    3    5    4    6    →

**A** 1        **B** 3        **C** 5        **D** 7        **E** 9

**6**    3    3    5    3    7    3    →

**J** 6        **K** 7        **L** 8        **M** 9        **N** 10