

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

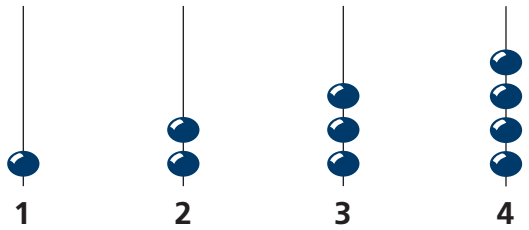
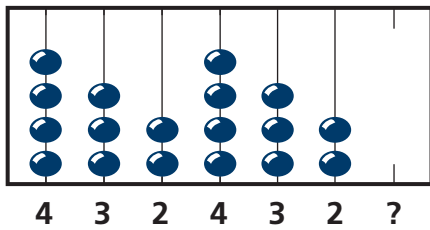
6

$$\boxed{?} = \diamond + 6$$
$$12 = \diamond - \bullet$$
$$\bullet = 5$$

- J 23 K 17 L 13 M 11 N 7

Number Series

1



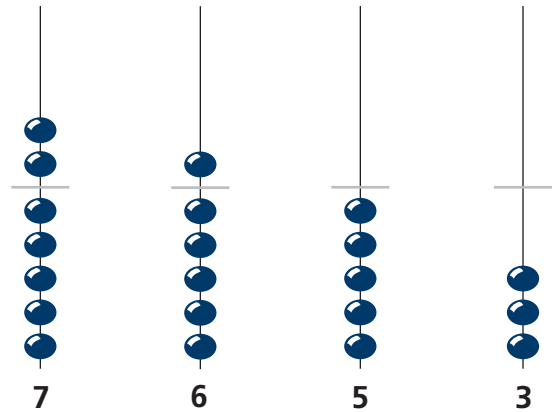
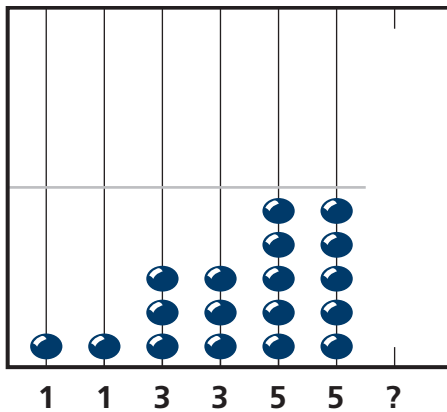
A

B

C

D

2



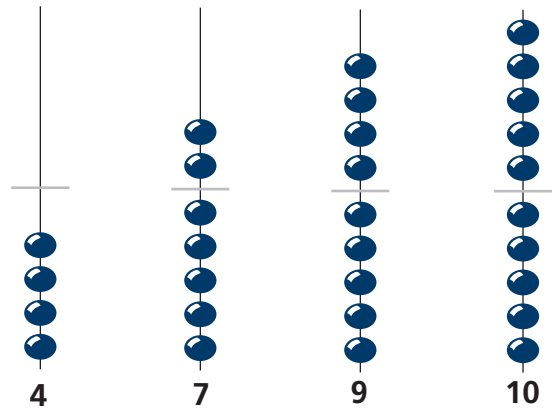
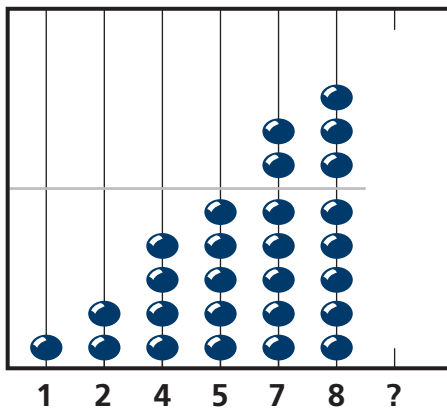
J

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