

**Solve one-step addition equations****1**

Solve for the missing value

$$? + 3 = 6$$

A 3	B 4	C 1
D 7	E 8	F 2

2

Find the number that balances the equation

$$9 - 5 = 1 + ?$$

A 10	B 3	C 40
D 6	E 2	F 7

3

What number can be put in the circle to make this equation correct?

$$\bigcirc - 4 = 2$$

A $\bigcirc = 8$	B $\bigcirc = 5$
C $\bigcirc = 6$	D $\bigcirc = 7$
E $\bigcirc = 9$	F $\bigcirc = 4$

4

Solve for the missing value

$$26 + ? = 82$$

A 56	B 49	C 57
D 51	E 62	F 50

5

In a class of 30 students, exactly 7 have been to Mexico and exactly 11 have been to England. Of these students, 4 have been to both Mexico and England. How many students in this class have not been to Mexico or England?

(A) 23 (B) 16 (C) 20 (D) 12 (E) 18

A A	B E	C D
D C	E B	

6The value of $\frac{10^2 - 10}{9}$ is

(A) 10 (B) 1 (C) 7 (D) 2009 (E) 11

A A	B E	C D
D C	E B	

7

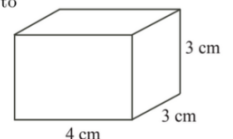
Solve for the missing value

$$16 + ? = 91$$

A 55	B 71	C 87
D 57	E 75	F 65

8

How many $1\text{ cm} \times 1\text{ cm} \times 1\text{ cm}$ blocks are needed to build the solid rectangular prism shown?

(A) 10 (B) 12 (C) 33
(D) 66 (E) 36

A A	B C	C E
D B	E D	

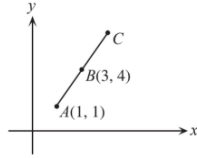


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9

Point $B(3,4)$ is the midpoint of the line segment joining the points $A(1,1)$ and C . The coordinates of C are

- (A) (2,3) (B) (2,2) (C) (4,6)
(D) (5,8) (E) (5,7)



A A

B B

C C

D D

E E

10

Solve for the missing value

$$? + 28 = 87$$

A

59

B

49

C

63

D

56

E

60

F

66

11

If $P=1$ and $Q=2$, which of the following expressions is **not** equal to an integer?

- (A) $P+Q$ (B) $P \times Q$ (C) $\frac{P}{Q}$ (D) $\frac{Q}{P}$ (E) P^Q

A

D

B

A

C

C

D

E

E

B

12

The value of $2^2 + 1^2 + 0^2 + (-1)^2 + (-2)^2$ is

(A) 5

(B) -6

(C) 3

(D) 6

(E) 10

A

A

B

B

C

C

D

D

E

E