



Find missing values in equivalent expressions

1

Find the number that balances the equation

$$4 + 1 = 7 - ?$$

A 30	B 3	C 10
D 0	E 2	F 4

2

Solve for the missing value

$$5 - ? - 1 = 3$$

A 2	B 9	C 1
D 4	E 7	F 8

3

Find the number that balances the equation

$$7 - 2 = 8 - ? - 2$$

A 3	B 5	C 4
D 1	E 2	F 40

4

Find the number that balances the equation

$$29 - 5 = 28 - ?$$

A 4	B 1	C 6
D 0	E 3	F 2

5

$$12 \times 7$$

A $2 \times 8 \times 7$	B $2 \times 6 \times 10$
C $2 \times 6 \times 7$	D $3 \times 6 \times 7$
E $2 \times 6 \times 9$	F $2 \times 6 \times 8$

6

$$2 \times 12$$

A $(2 + 2) + (10 \times 2)$	B $(2 \times 10) + (2 \times 2)$
C $(2 + 2) \times (10 + 2)$	D $(2 \times 3) + (10 \times 18)$
E $(2 \times 4) + (10 \times 12)$	F $(2 \times 2) + (10 \times 2) + (2 \times 2)$

7

Find the number that balances the equation

$$19 + 10 - 11 = 29 - 4 - ?$$

A 1	B 10	C 7
D 8	E 2	F 3

8

Find the number that balances the equation

$$25 - 16 - 8 = 23 - 1 - ?$$

A 18	B 2	C 21
D 23	E 25	F 0



Find missing values in equivalent expressions

9

Find the number that balances the equation

$$8 \times 7 = ? \times 28$$

A 2	B 1	C 6
D 3	E 4	F 0

10

Solve for the missing value

$$471 - 111 - ? = 224$$

A 156	B 168	C 136
D 160	E 164	F 120

11

Find the number that balances the equation

$$1 - 1 + 1 = 24 - ? - 4$$

A 15	B 19	C 20
D 14	E 23	F 2

12

Find the number that balances the equation

$$28 - 2 - 7 = 29 - 9 - ?$$

A 20	B 3	C 1
D 0	E 30	F 10