

Challenge

Crisscross Expressions

Simplify the expressions in both columns. Then write the letter of the expression in the right column next to the expression it equals in the left column. The first one is done for you.

1. $7 + 3 \times 4$ 19, F

A. $72 \div 9 + 3$ _____

2. $(8 + 3) \times (4 \times 2)$ _____

B. $9 \times 3 - 3$ _____

3. $3 + 4 \times 6 \div 3$ _____

C. $4 + 12 \times 7$ _____

4. $35 - 5 \times 3 + 5$ _____

D. $3 + (34 + 8) \div 7$ _____

5. $13 - (25 \div 5) + (4 - 3)$ _____

E. $(3 + 5) - 4 \times 2$ _____

6. $14 \div 2 + 5 \times 6$ _____

F. $5 \times 4 - 1$ 19

7. $8 \times (7 - 4)$ _____

G. $(49 \div 7) \times (8 - 3) + 2$ _____

8. $5 - (9 + 21) \div 6$ _____

H. $6 + (18 - 3) + 4$ _____

9. Write an expression like the ones above that simplifies to the same value as $(8 + 18) - (6 + 6)$. You may use any of the operations and parentheses.

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Simplify the expressions in both columns. Then write the letter of the expression in the right column next to the expression it equals in the left column. The first one is done for you.

1. $7 + 3 \times 4$ 19, F

A. $72 \div 9 + 3$ 11

2. $(8 + 3) \times (4 \times 2)$ 88, C

B. $9 \times 3 - 3$ 24

3. $3 + 4 \times 6 \div 3$ 11, A

C. $4 + 12 \times 7$ 88

4. $35 - 5 \times 3 + 5$ 25, H

D. $3 + (34 + 8) \div 7$ 9

5. $13 - (25 \div 5) + (4 - 3)$ 9, D

E. $(3 + 5) - 4 \times 2$ 0

6. $14 \div 2 + 5 \times 6$ 37, G

F. $5 \times 4 - 1$ 19

7. $8 \times (7 - 4)$ 24, B

G. $(49 \div 7) \times (8 - 3) + 2$ 37

8. $5 - (9 + 21) \div 6$ 0, E

H. $6 + (18 - 3) + 4$ 25

9. Write an expression like the ones above that simplifies to the same value as $(8 + 18) - (6 + 6)$. You may use any of the operations and parentheses.

Answers may vary.