

Commutative property

Complete each number sentence using commutative property

a. $6 + 8 = 8 + \underline{\quad}$

b. $7 \times 5 = 5 \times \underline{\quad}$

c. $6 \times 15 \times \underline{\quad} = \underline{\quad} \times 10 \times \underline{\quad}$

d. $30 + 75 + \underline{\quad} = 75 + 26 + \underline{\quad}$

e. $7 + 38 = 38 + \underline{\quad}$

f. $28 \times 4 = 4 \times \underline{\quad}$

Associative property

Complete each number sentence using associative property

a. $4 \times (9 \times 21) = (4 \times 9) \times \square$

b. $6 \times (5 \times 11) = (6 \times 5) \times \square$

a. $25 + (4 + 8) = (25 + 4) + \square$

b. $(1 + 56) + 19 = 1 + (56 + \square)$

e. $13 \times (2 \times 5) = (13 \times 2) \times \square$

f. $(27 + 49) + 55 = 27 + (49 + \square)$

Distributive property

Use distributive property to find each product

$$a. 9 \times 12 + 9 \times 5 = \underline{\quad} (\underline{\quad} + \underline{\quad})$$

$$= \underline{\quad} (\underline{\quad})$$

$$= \underline{\quad}$$

$$b. 18 \times 8 - 16 \times 3 = \underline{\quad} (\underline{\quad} - \underline{\quad})$$

$$= \underline{\quad} (\underline{\quad})$$

$$= \underline{\quad}$$

Distributive property

Solve by applying distributive property

$$17 \times 23$$

$$= \underline{\quad} (\underline{\quad} + \underline{\quad})$$

$$= (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$$

$$= \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

$$28 \times 8$$

$$= \underline{\quad} (\underline{\quad} - \underline{\quad})$$

$$= (\underline{\quad} \times \underline{\quad}) - (\underline{\quad} \times \underline{\quad})$$

$$= \underline{\quad} - \underline{\quad}$$

$$= \underline{\quad}$$

DMAS rule

Follow the rules for order of operations and solve.

a. $28 \div 14 \times 6 + 7 - 4$

b. $5.6 \div 8 + 7 - 3.9$

c. $2.7 \times 4 - 2.7 \div 3$

d. $14 + 7 \times 8 \div 4 - 12$

BIDMAS rule

Follow the rules for order of operations and solve.

b. $(18 - 6) \div (4 + 2)$

Ans =

a. $(35 \div 5) - (30 \div 5)$

Ans =

d. $12 \times (3 + 2) - (48 \div 6)$

Ans =

c. $2.2 \times (7.5 \div 5) - 1.01$

Ans =

Order of operations

Read and solve.

Subtract the sum
of 124 and 132
from the product

Find twice of the
difference of
47.5 and 15.9

Find the
quotient when
thrice of $(2.14 + 10.26)$ is
divided by 6.

Calculate the difference between $(7.13+14.86)$ and (5.2×2.1) .

Find the product of $(\frac{5}{8} \times \frac{2}{3})$ and $(\frac{3}{4} - \frac{1}{6})$.

Which value is greater $(\frac{4}{3} \times \frac{3}{4})$ or $(\frac{4}{5} + \frac{3}{4})$.
