

Commutative property

Complete each number sentence using commutative property

a. $6 + 7 = 7 + \underline{\quad}$

b. $6 \times 8 = 8 \times \underline{\quad}$

c. $7 \times 12 \times \underline{\quad} = \underline{\quad} \times 10 \times \underline{\quad}$

d. $25 + 80 + \underline{\quad} = 25 + 26 + \underline{\quad}$

e. $7 + 24 = 24 + \underline{\quad}$

f. $32 \times 4 = 4 \times \underline{\quad}$

Associative property

Complete each number sentence using associative property

a. $5 \times (6 \times 21) = (5 \times 6) \times \square$

b. $9 \times (5 \times 11) = (9 \times 5) \times \square$

a. $32 + (7 + 8) = (32 + 7) + \square$

b. $(5 + 45) + 15 = 5 + (45 + \square)$

e. $10 \times (4 \times 5) = (10 \times 4) \times \square$

f. $(25 + 60) + 55 = 25 + (60 + \square)$

Associative property

Use associative property to complete and solve the sentences

$$\text{a. } 100 \times 40 \times 10 = 100 \times 40 \times 10$$

$$\underline{\hspace{2cm}} \times 400 = 4,000 \times \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\text{b. } 275 + 825 + 500 = 275 + 825 + 500$$

$$\underline{\hspace{2cm}} + 500 = 275 + \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Two or more same operations

Solve the mathematical sentences given

$$75 - 15 - 20$$

$$= \underline{\hspace{2cm}} - 20$$

$$= \underline{\hspace{2cm}}$$

$$49 \div 7 \div 7$$

$$= \underline{\hspace{2cm}} \div 7$$

$$= \underline{\hspace{2cm}}$$

$$34 + 16 + 20$$

$$= 34 + \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$10 \times 6 \times 8$$

$$= \underline{\hspace{2cm}} \times 8$$

$$= \underline{\hspace{2cm}}$$

DMAS rule

Follow the rules for order of operations and solve.

a. $12 \div 4 \div 3 \times 8 + 2$

b. $15 + 15 - 6 \div 3 \times 10$

Two or more operations in a story question

Follow the rules for order of operations and solve.

Ali has 120 sea shells in
6 boxes.

If all the boxes have
equal number of shells,
how many shells are
there in each box?

His sister puts 4 more
shells in each box.

How many shells will be
there in total?

Estimation

Follow the rules for order of operations and solve.

$$\begin{array}{r} 18,562 \\ - 7,598 \\ \hline \\ \hline \end{array}$$

Rounding off

Rounding off

To nearest 1,000

$$\begin{array}{r} 18,562 \\ - 7,598 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 38,772 \\ + 4,355 \\ \hline \\ \hline \end{array}$$

Rounding off

Rounding off

To nearest 1,000

$$\begin{array}{r} 38,772 \\ + 4,355 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2,66 \\ \div 28 \\ \hline \\ \hline \end{array}$$

Rounding off

Rounding off

To nearest 10

$$\begin{array}{r} 2,66 \\ \div 28 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7,221 \\ - 219 \\ \hline \\ \hline \end{array}$$

Rounding off

Rounding off

To nearest 100

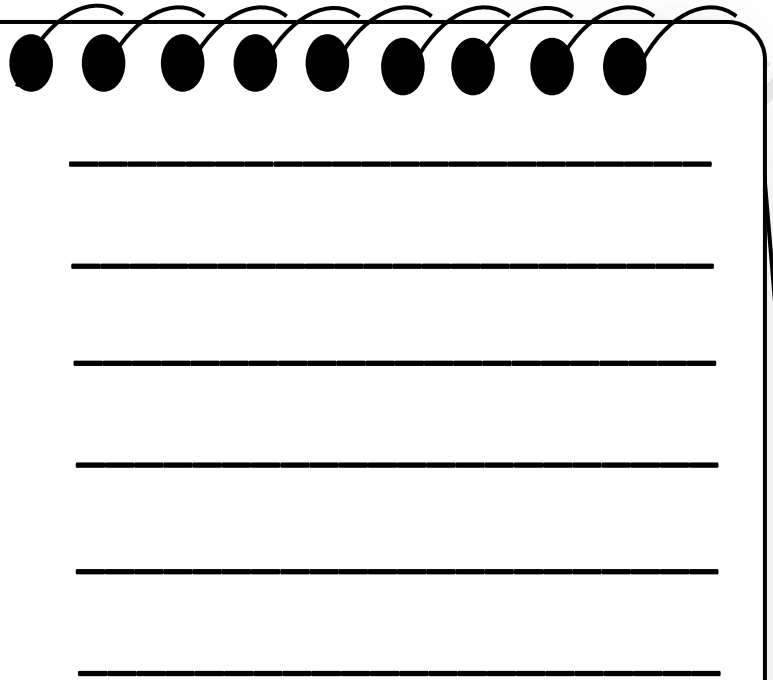
$$\begin{array}{r} 7,221 \\ - 219 \\ \hline \\ \hline \end{array}$$

Estimation

Work with friendly numbers to find the answers

6,458 people visited a park on Friday, 7,591 people visited on Saturday and 8,694 people visited the park on Sunday.

Approximately how many people visited the park during these 3 days?



A spiral-bound notebook with seven blank horizontal lines for writing.

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