



- order of operations

A. Solve each expression. Show your steps.

1. $8 \times 2 - 4$

= _____ - 4

= _____

2. $10 - 15 \div 3$

=

=

3. $7 + 14 \div 2$

=

=

4. $(10 - 3) \times 2$

=

=

5. $3 \times (7 + 3)$

=

=

6. $(6 + 4) \div 5$

=

=

B. Find the answers.

1. $(6 + 3) \times 4 =$ _____

2. $9 \times (4 - 1) \div 3 =$ _____

3. $15 + 120 \div 8 =$ _____

4. $5 + 18 \div 3 - 10 =$ _____

5. $5 \times (80 - 40) =$ _____

6. $4 \times 3 + 6 \div 2 =$ _____

C. Add brackets to make each number sentence true.

1. $18 \div 3 + 2 = 8$

2. $19 - 9 \times 2 = 1$

3. $10 - 2 \times 5 = 0$

4. $12 \div 3 + 1 = 3$

5. $7 + 8 \div 3 = 5$

6. $5 \times 8 + 3 = 55$



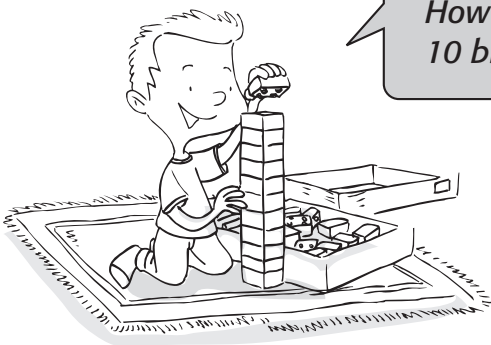
D. Solve the problems. Show your work.

1. There are 3 bags of 12 apples. If 2 of the apples are rotten, how many apples are not rotten?

2. Chloe bought 2 ice cream cones at \$1.49 each and 3 chocolate bars at \$1.07 each. How much did Chloe pay?

3. In a heptagon, each of 2 of its sides is 8 m. The rest of the sides are each 10.2 m. What is the perimeter of the heptagon?

4.



How many blocks do I need if I want to build 3 towers with 10 blocks in each and 5 towers with 12 blocks in each?



- order of operations

A. Solve each expression. Show your steps.

$$1. \quad 8 \times 2 - 4$$

$$= \underline{16} - 4$$

$$= \underline{12}$$

$$2. \quad 10 - 15 \div 3$$

$$= 10 - 5$$

$$= 5$$

$$3. \quad 7 + 14 \div 2$$

$$= 7 + 7$$

$$= 14$$

$$4. \quad (10 - 3) \times 2$$

$$= 7 \times 2$$

$$= 14$$

$$5. \quad 3 \times (7 + 3)$$

$$= 3 \times 10$$

$$= 30$$

$$6. \quad (6 + 4) \div 5$$

$$= 10 \div 5$$

$$= 2$$

B. Find the answers.

$$1. \quad (6 + 3) \times 4 = \underline{36}$$

$$2. \quad 9 \times (4 - 1) \div 3 = \underline{9}$$

$$3. \quad 15 + 120 \div 8 = \underline{30}$$

$$4. \quad 5 + 18 \div 3 - 10 = \underline{1}$$

$$5. \quad 5 \times (80 - 40) = \underline{200}$$

$$6. \quad 4 \times 3 + 6 \div 2 = \underline{15}$$

C. Add brackets to make each number sentence true.

$$1. \quad (18 \div 3) + 2 = 8$$

$$2. \quad 19 - (9 \times 2) = 1$$

$$3. \quad 10 - (2 \times 5) = 0$$

$$4. \quad 12 \div (3 + 1) = 3$$

$$5. \quad (7 + 8) \div 3 = 5$$

$$6. \quad 5 \times (8 + 3) = 55$$

D. Solve the problems. Show your work.

1. There are 3 bags of 12 apples. If 2 of the apples are rotten, how many apples are not rotten?

$$3 \times 12 - 2 = 34$$

34 apples are not rotten.

2. Chloe bought 2 ice cream cones at \$1.49 each and 3 chocolate bars at \$1.07 each. How much did Chloe pay?

$$\$1.49 \times 2 + \$1.07 \times 3 = \$6.19$$

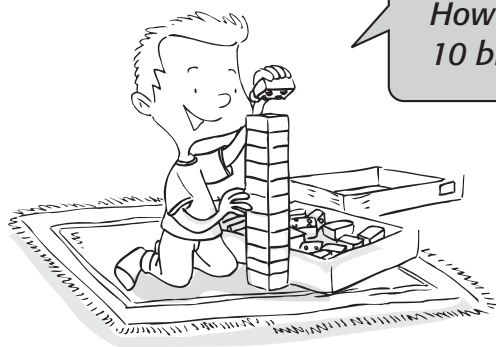
Chloe paid \$6.19.

3. In a heptagon, each of 2 of its sides is 8 m. The rest of the sides are each 10.2 m. What is the perimeter of the heptagon?

$$8 \times 2 + 10.2 \times 5 = 67$$

The perimeter is 67 m.

4.



How many blocks do I need if I want to build 3 towers with 10 blocks in each and 5 towers with 12 blocks in each?

$$10 \times 3 + 12 \times 5 = 90$$

He needs 90 blocks.
