Number Sentences

Part 1: Choose the number sentence that correctly matches each phrase.

1. Find 7 less than the product of 12 and 18.

2. Subtract 24 from 28 and then divide by 2.

a.
$$(24 - 28) \div 2$$

b.
$$(24 \div 2) - (28 \div 2)$$

3. Multiply the sum of 150 and 140 by 8.

a.
$$(150 + 140) \times 8$$

c.
$$(150 \times 140) + 8$$

Part 2: Write a number sentence for each phrase below using numbers and symbols. (You only need to write the number sentence. You do not need to write the answer.)

4. What number is 76 more than the product of 13 and 8?

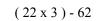
$$76 + (13 \times 8)$$

$$(13 \times 8) + 76$$

5. Find a number that is 5 times as much as 4 divided by 2.

6. Take the sum of 6 and 7 and divide it by the sum of 10 and 3.

$$(6 + 7)$$
 divided by $(10 + 3)$



8. What is 62 less than the product of 22 and 3? $(22 \times 3) - 62$

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Name:

Algebra Word Problems

1. There are 12 golf balls in a bucket. There are x white golf balls and 5 orange golf balls.

Which equation illustrates this situation? (Circle one.)

$$a_{X} - 5 = 12$$

$$x + 5 = 12$$

$$c 12 + x = 5$$

d
$$5x = 12$$

What is the value of x? _____7



2. You have \$x. You spend \$3 to play golf. You have \$8 left.

Which equation illustrates this situation? (Circle one.)

$$a \$3 - \$x = \$8$$

$$b \$x + 3 = \$8$$

$$c $8 - $3 = $x$$

a
$$$3 - $x = $8$$

b $$x + 3 = 8
c $$8 - $3 = x
d $$x - $3 = 8

What is the value of x? ____11



3. A group of x golfers are split up into 3 equal groups. There are 4 golfers in each group.

Which equation illustrates this situation? (Circle one.)

$$\left(\begin{array}{c} a \\ \overline{3} \end{array}\right) = 2$$

$$\frac{b}{x} = 4$$

$$c 4x = 3$$

$$d_{3x} = 4$$

What is the value of x? $\underline{}$



4. You have x golf tees in your bag. Your sister has 4 times as many tees as you do. Your sister has 36 tees.

Which equation illustrates this situation? (Circle one.)

a
$$\frac{x}{4} = 36$$

b $\frac{4}{x} = 36$
c $36x = 4$
d $4x = 36$

$$b = \frac{4}{x} = 36$$

$$c = 36x = 2$$

$$d 4x = 3c$$

What is the value of x? $\frac{9}{}$

