

**Lesson: Expressions****Practice Set: Evaluate number expressions****Question 1:**

Simplify:

$$2 + (4 \cdot 4)$$

**Question 2:**

Simplify:

$$(7 \cdot 4) + (8 \cdot 2)$$

**Question 3:**

Simplify:

$$3 \cdot 9 + (10 - 7)$$

**Question 4:**

Simplify:

$$3 + (7 \cdot 3) - 3$$

**Question 5:**

Simplify:

$$(6 \cdot 4) \div 8 + 5$$

**Practice Set: Evaluate variable expressions****Question 1:**

Find the value of the expression.

$$4x$$

where  $x = 7$

**Question 2:**

Find the value of the expression.

$$4 + y$$

where  $y = 9$

**Question 3:**

Find the value of the expression.

$$a \div 2b$$

where  $a = 12$ ;  $b = 2$

**Question 4:**

Find the value of the expression.

$$b + 0.5$$

where  $b = 2$

**Question 5:**

Find the value of the expression.

$$4a \div 2c$$

where  $a = 3$ ;  $c = 6$

**Practice Set: Evaluate variable expressions word problems****Question 1:**

Kelly bought  $p$  blouses. Nicole bought 3 **times** as many skirts as Kelly bought blouses. Which expression correctly shows the number of skirts that Nicole bought?

- $p - 3$
- $3/p$
- $p \cdot 3$
- $3 + p$
- None of the above

**Question 2:**

Susanna has played the piano for  $s$  years. Patrick has played the piano for **4 more than twice** the number of years that Susanna has been playing the piano. Which expression correctly shows the number of years that Patrick has been playing the piano?

- $4s + 2$
- $2s + 4$
- $2(s + 4)$
- $(s - 4) \div 2$
- None of the above

**Question 3:**

You have  $m$  melons. Harry has 6 **fewer** melons than you do. Which expression correctly shows how many melons Harry has?

- $m - 6$
- $m + 6$
- 6
- $m$
- $6 - m$

**Question 4:**

Britney exercised for  $h$  hours this week. Jason exercised **1.5 hours fewer than  $\frac{1}{3}$**  the hours that Britney exercised. Which expression correctly shows the number of hours that Jason has exercised this week?

- $3h - 1.5$
- $1.5 + 3h$
- $\frac{1}{3}h - 1.5$
- $1.5 - \frac{1}{3}h$
- None of the above

**Question 5:**

You have  $c$  cookies. Brooke has **twice** as many cookies as you do. Which expression correctly shows how many cookies Brooke has?

- $2 + c$
- $c \cdot c$
- $c + 2$
- $c + c$
- None of the above

## **Correct Answers**

### **Lesson: Expressions**

#### **Practice Set: Evaluate number expressions**

**Question 1:**

18

**Question 2:**

44

**Question 3:**

30

**Question 4:**

21

**Question 5:**

8

#### **Practice Set: Evaluate variable expressions**

**Question 1:**

28

**Question 2:**

13

**Question 3:**

3

**Question 4:**

2.5

**Question 5:**

1

#### **Practice Set: Evaluate variable expressions word problems**

**Question 1:**

MC3

**Question 2:**

MC2

**Question 3:**

MC1

**Question 4:**

MC3

**Question 5:**

MC4