Name:	
Date:	

. If 
$$m = 2$$
, what is the value of  $6 \div m \cdot 3$ ?

2. If a = 4, what is the value of 8 - a + 2?

3. If 
$$x = 5$$
, what is the value of  $5x - 10$ ?

4. If n = 8, what is the value of  $\frac{n}{2}$  + 7?

5. If 
$$k = 2$$
, what is the value of  $63 \div 9 - k + 2$ ?

6. If t = 10, what is the value of  $t - 3 \cdot 2 + 11$ ?

## 7. What is the value of the expression

$$81 \div p + q$$
 when  $p = 9$  and  $q = 18$ 

Answer:

8. A locksmith uses the expression \$55t + 4m to determine the cost of repairs, where t is the time in hours and m is the number of miles to drive to get to the job site. What is the cost of job that is 22 miles from the locksmith's base that lasts 4 hour?
Answer:
9. A basketball coach uses the expression 2b + I to determine the number of points earned by his players during a practice drill, where b is the number of baskets made outside the free throw lane and I is the number of baskets made inside the free throw lane. How many points did Emily earn is she made 8 baskets out of the free throw lane and 12 baskets inside the free throw lane?

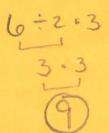
Answer:

Look at this expression.

If n = 2, what is the value of this expression?

SHOW YOUR WORK

. If m = 2, what is the value of  $6 \div m \cdot 3$ ?



3. If x = 5, what is the value of 5x - 10?

5. If k = 2, what is the value of  $63 \div 9 - k + 2$ ?

7. What is the value of the expression

$$81 \div p + q$$
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2. If a = 4, what is the value of 8 - a + 2?

4. If n = 8, what is the value of  $\frac{n}{2}$  + 7?

6. If t = 10, what is the value of  $t = 3 \cdot 2 + 11$ ?

8. A locksmith uses the expression \$55t + 4m to determine the cost of repairs, where t is the time in hours and m is the number of miles to drive to get to the job site. What is the cost of job that is 22 miles from the locksmith's base that lasts 4 hour?

$$55t + 4m$$
  $t = 4$   $m = 2z$ 

$$55(4) + 4(2z)$$

$$2zo + 88$$
Answer: 308

9. A basketball coach uses the expression 2b + I to determine the number of points earned by his players during a practice drill, where b is the number of baskets made outside the free throw lane and I is the number of baskets made inside the free throw lane. How many points did Emily earn is she made 8 baskets out of the free throw lane and 12 baskets inside the free throw lane?

$$2b+1$$
  $b=8$   $1=12$   $2(8)+12$   $16+12$   $28$ 

Answer: 28 points

Look at this expression.

$$4n + 3 \cdot (4 - 1)$$

If n = 2, what is the value of this expression?