

Chapter 1 sec 3 Problems

Simplify:

1) $78 \cdot 3$

2) $237 \cdot 54$

3) $2816 \div 47$

4) $1440 \div 96$

Chapter 1 sec 4 Problems

1) Find all factors of 75

2) Find the prime factorization of 224

3) Evaluate: $3^2 \cdot 2^3$

Chapter 1 sec 5 Problems

Simplify

1) $2 + 9 \cdot [7 + 3 \cdot (9 + 5)]$

2) $12 \cdot 5^2 + 8 \cdot 9 + 4$

3) $\frac{19 - (4 \cdot 3 - 2)}{6 \cdot 3 - 9}$

4) $4 \cdot 3 + 2 \cdot 5$

Chapter 1 sec 6 problems

1) Which of the following numbers is/are solution(s) to the given equation

17, 21, 14, 15

$$x - 6 = 8$$

Solve the equation

2) $x - 14 = 12$

3) $17 = 5 + x$

4) Eight more than a certain number is 18. Find the number.

5) 19 less than a certain number is 1. Find the number.

Chapter 1 sec 7 problems

1) When an unknown number is divided by 8, the result is 3. Find the unknown number.

2) 3 times an unknown number is 35. Find the unknown number

Solve the equations

3) $4x = 28$

4) $\frac{x}{7} = 8$