

### 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:  $3^2 \square 2^3$

### Chapter 1 section 5 Problems

Simplify

- 1)  $2 + 9 \cdot [7 + 3 \cdot (9 + 5)]$
- 2)  $12 \square 5^2 + 8 \square 9 + 4$
- 3)  $\frac{19 - (4 \square 3 - 2)}{6 \square 3 - 9}$
- 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)  $17 = 5 + x$