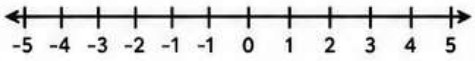
Name: _____ prtutorial.in Date: _____ Class: _____

Integers Worksheet

Grade 6





Use the number line, rules and examples to help you solve the problems.

1. Identify the sign.

Write whether each integer is positive, negative, or zero.

1. -8 _____
2. 15 _____
3. 0 _____
4. -24 _____
5. 7 _____
6. -3 _____
7. 42 _____
8. -100 _____

2. Find the opposite.

Write the additive inverse of each integer.

1. 9 _____
2. -14 _____
3. 27 _____
4. -6 _____
5. 0 _____
6. -81 _____
7. 53 _____
8. -12 _____

3. Compare the integers.

Use >, <, or = to make each statement true.

1. -7 _____ 4
2. -15 _____ -3
3. 20 _____ -30
4. -9 _____ -9
5. 6 _____ -12
6. -100 _____ 0
7. 18 _____ -25
8. -45 _____ -46

4. Add the integers.

Find the sum of each pair of integers.

1. 12 + 7 _____
2. -8 + 15 _____
3. -20 + (-5) _____
4. 17 + (-12) _____
5. -6 + (-9) _____
6. 3 + (-14) _____
7. -25 + 40 _____
8. -18 + (-22) _____

5. Subtract the integers.

Find the difference of each pair of integers.

1. 18 - 7 _____
2. -6 - 11 _____
3. 25 - (-4) _____
4. -14 - 9 _____
5. 30 - (-15) _____
6. -8 - (-12) _____
7. -21 - 5 _____
8. 16 - (-20) _____

6. Multiply the integers.

Find the product of each pair of integers.

1. 6 × -4 _____
2. -7 × 9 _____
3. -12 × -5 _____
4. 15 × -8 _____
5. -6 × 0 _____
6. 14 × -3 _____
7. -25 × 4 _____
8. -9 × -11 _____

7. Divide the integers.

Find the quotient of each pair of integers.

1. 20 ÷ -5 _____
2. -12 ÷ 3 _____
3. -45 ÷ -9 _____
4. 36 ÷ -6 _____
5. -72 ÷ 8 _____
6. 49 ÷ -7 _____
7. -56 ÷ -8 _____
8. 0 ÷ -3 _____

8. Solve the word problems.

Write your answer and show your work if needed.

1. A submarine is at -120 meters. It rises 45 meters. What is its new position?

   _____

2. The temperature is -6°C. It drops 9°C. What is the new temperature?

   _____

3. A hiker starts at 350 feet above sea level and descends 480 feet. What is the new elevation?

   _____

4. A town has a temperature of 8°C. It falls 15°C overnight. What is the new temperature?

   _____

9. Challenge.

Solve the multi-step problems.

1. -5 + 12 - 7 = _____
2. -18 - 6 + 10 = _____
3. 4 × -3 + 16 = _____
4. -35 ÷ -5 + 7 = _____
5. (-6 + 14) × -2 = _____
6. -48 ÷ 6 + (-9) = _____

10. Think About It.

Use what you know about integers to answer the questions.

1. Which is greater: -23 or -17? How do you know? _____
2. What is the distance between -9 and 6 on the number line? _____
3. Give one real-life situation where you might use negative numbers. _____