Name: _____

7th Grade Weekly Math Review Week 36

Solve each problem. Show your work.

1. $-|2| =$ _____

2. $-|-19| =$ _____

3. A triangular prism has a triangle base with base 10 cm and height 7 cm. The prism is 9 cm long. What is its volume?

   Answer: _____

4. supplement of $106° =$ _____

5. Two angles are complementary. They measure $2x°$ and $(x + 51)°$. Find x.

   Answer: _____

6. $12 \times (-6) =$ _____

7. A triangular prism has a triangle base with base 6 cm and height 8 cm. The prism is 8 cm long. What is its volume?

   Answer: _____

8. $\frac{x}{8} = \frac{15}{24}$ $x =$ _____

9. In a random sample of 80 students, 29 prefer pizza for lunch. There are 600 students in the school. Predict how many prefer pizza.

   Answer: _____

10. In a random sample of 100 students, 14 prefer pizza for lunch. There are 1200 students in the school. Predict how many prefer pizza.

    Answer: _____

11. In a random sample of 40 students, 26 prefer pizza for lunch. There are 1200 students in the school. Predict how many prefer pizza.

    Answer: _____

12. In a random sample of 100 students, 9 prefer pizza for lunch. There are 1000 students in the school. Predict how many prefer pizza.

    Answer: _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 36

Solve each problem. Show your work.

1. $-|2| =$ −2

2. $-|-19| =$ −19

3. A triangular prism has a triangle base with base 10 cm and height 7 cm. The prism is 9 cm long. What is its volume?

   Answer: 315 cubic cm

4. supplement of 106° = 74°

5. Two angles are complementary. They measure 2x° and (x + 51)°. Find x.

   Answer: x = 13

6. $12 \times (-6) =$ −72

7. A triangular prism has a triangle base with base 6 cm and height 8 cm. The prism is 8 cm long. What is its volume?

   Answer: 192 cubic cm

8. $\frac{x}{8} = \frac{15}{24}$ $x =$ 5

9. In a random sample of 80 students, 29 prefer pizza for lunch. There are 600 students in the school. Predict how many prefer pizza.

   Answer: about 218 students

10. In a random sample of 100 students, 14 prefer pizza for lunch. There are 1200 students in the school. Predict how many prefer pizza.

    Answer: 168 students

11. In a random sample of 40 students, 26 prefer pizza for lunch. There are 1200 students in the school. Predict how many prefer pizza.

    Answer: 780 students

12. In a random sample of 100 students, 9 prefer pizza for lunch. There are 1000 students in the school. Predict how many prefer pizza.

    Answer: 90 students