Name: _____

7th Grade Weekly Math Review Week 33

Solve each problem. Show your work.

1. 5% of 20 = _____

2. $9 + 2 \times [17 - (10 - 1)]$ = _____

3. $6x + 9 = 57$ x = _____

4. A triangular prism has right-triangle bases with sides 3, 4 and 5 in. It is 10 in long. What is its surface area?

   Answer: _____

5. Two angles are supplementary. One measures $4x°$ and the other measures $(2x + 66)°$. Find x.

   Answer: _____

6. A circular garden has a radius of 13 ft. What is its area? Use 3.14 for π.

   Answer: _____

7. $6.8 - 5.9$ = _____

8. complement of 34° = _____

9. A fair 6-sided number cube is rolled. What is the probability of rolling a multiple of 3?

   Answer: _____

10. A coin is flipped and a number cube is rolled. How many outcomes are in the sample space?

    Answer: _____

11. A menu has 5 sandwiches and 5 drinks. How many different meals of one sandwich and one drink are there?

    Answer: _____

12. Two number cubes are rolled. What is the probability that both show an even number?

    Answer: _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 33

Solve each problem. Show your work.

1. 5% of 20 = 1

2. $9 + 2 \times [17 - (10 - 1)] =$ 25

3. $6x + 9 = 57 \quad x =$ 8

4. A triangular prism has right-triangle bases with sides 3, 4 and 5 in. It is 10 in long. What is its surface area?

   Answer: 132 sq in

5. Two angles are supplementary. One measures $4x°$ and the other measures $(2x + 66)°$. Find x.

   Answer: x = 19

6. A circular garden has a radius of 13 ft. What is its area? Use 3.14 for π.

   Answer: 530.66 sq ft

7. 6.8 − 5.9 = 0.9

8. complement of 34° = 56°

9. A fair 6-sided number cube is rolled. What is the probability of rolling a multiple of 3?

   Answer: $\frac{1}{3}$

10. A coin is flipped and a number cube is rolled. How many outcomes are in the sample space?

    Answer: 12

11. A menu has 5 sandwiches and 5 drinks. How many different meals of one sandwich and one drink are there?

    Answer: 25

12. Two number cubes are rolled. What is the probability that both show an even number?

    Answer: $\frac{1}{4}$