Name: _____

7th Grade Weekly Math Review Week 34

Solve each problem. Show your work.

1. $-|10| =$ _____

2. $8 \times (2 + 8) - 5 =$ _____

3. $-4 + (-2) =$ _____

4. A round pizza has a diameter of 10 in. What is the area of the pizza? Use 3.14 for π.

   Answer: _____

5. $8x - 8 = -64 \quad x =$ _____

6. $7(x - 4) =$ _____

7. $9x - 5 = 49 \quad x =$ _____

8. A floor plan uses the scale 1 in = 2 ft. A room is 3 in long on the plan. How long is the actual room?

   Answer: _____

9. A bag has 4 red, 8 yellow, 7 blue marbles. One is picked at random. What is P(not red)?

   Answer: _____

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

    Answer: _____

11. A bag has 7 green, 1 red, 5 blue marbles. One is picked at random. What is P(not green)?

    Answer: _____

12. A bag has 1 blue, 9 yellow, 2 red marbles. One is picked at random. What is P(not yellow)?

    Answer: _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 34

Solve each problem. Show your work.

1. $-|10| =$ −10

2. $8 \times (2 + 8) - 5 =$ 75

3. $-4 + (-2) =$ −6

4. A round pizza has a diameter of 10 in. What is the area of the pizza? Use 3.14 for π.

   Answer: 78.50 sq in

5. $8x - 8 = -64 \quad x =$ −7

6. $7(x - 4) =$ 7x − 28

7. $9x - 5 = 49 \quad x =$ 6

8. A floor plan uses the scale 1 in = 2 ft. A room is 3 in long on the plan. How long is the actual room?

   Answer: 6 ft

9. A bag has 4 red, 8 yellow, 7 blue marbles. One is picked at random. What is P(not red)?

   Answer: $\frac{15}{19}$

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

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

11. A bag has 7 green, 1 red, 5 blue marbles. One is picked at random. What is P(not green)?

    Answer: $\frac{6}{13}$

12. A bag has 1 blue, 9 yellow, 2 red marbles. One is picked at random. What is P(not yellow)?

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