Name: _____

7th Grade Weekly Math Review Week 30

Solve each problem. Show your work.

1. 30% of 20 = _____

2. $42 - 27 \div 9$ = _____

3. A round pizza has a diameter of 14 in. What is the area of the pizza? Use 3.14 for π.

   Answer: _____

4. A circular track has a radius of 9 m. How far is one lap around it? Use 3.14 for π.

   Answer: _____

5. $77 \div 7$ = _____

6. Solve the inequality: $x + 7 > 36$

   Answer: _____

7. On a map, 1 cm represents 5 km. Two cities are 9.5 cm apart on the map. How far apart are they?

   Answer: _____

8. $\frac{1}{3} \div \frac{1}{3}$ = _____

9. A triangular prism has right-triangle bases with sides 5, 12 and 13 in. It is 7 in long. What is its surface area?

   Answer: _____

10. A rectangular prism has a volume of 120 cubic ft. Its base is 10 ft by 2 ft. What is its height?

    Answer: _____

11. What is the surface area of a box that is 10 in by 7 in by 4 in?

    Answer: _____

12. What is the surface area of a box that is 11 in by 5 in by 2 in?

    Answer: _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 30

Solve each problem. Show your work.

1. 30% of 20 = 6

2. 42 − 27 ÷ 9 = 39

3. A round pizza has a diameter of 14 in. What is the area of the pizza? Use 3.14 for π.

   Answer: 153.86 sq in

4. A circular track has a radius of 9 m. How far is one lap around it? Use 3.14 for π.

   Answer: 56.52 m

5. 77 ÷ 7 = 11

6. Solve the inequality: x + 7 > 36

   Answer: x > 29

7. On a map, 1 cm represents 5 km. Two cities are 9.5 cm apart on the map. How far apart are they?

   Answer: 47.5 km

8. $\frac{1}{3} \div \frac{1}{3} =$ 1

9. A triangular prism has right-triangle bases with sides 5, 12 and 13 in. It is 7 in long. What is its surface area?

   Answer: 270 sq in

10. A rectangular prism has a volume of 120 cubic ft. Its base is 10 ft by 2 ft. What is its height?

    Answer: 6 ft

11. What is the surface area of a box that is 10 in by 7 in by 4 in?

    Answer: 276 sq in

12. What is the surface area of a box that is 11 in by 5 in by 2 in?

    Answer: 174 sq in