



## 9th Grade Math Worksheet

Name \_\_\_\_\_

9th grade review.

1. Simplify.

$$\sqrt{512x^3}$$

Answer: \_\_\_\_\_

2. Solve  $x - 18 = -5$ .

Answer: \_\_\_\_\_

3.  $\sqrt{x - 8} = \sqrt{-x + 2}$

Answer: \_\_\_\_\_

4. Find the value of  $x$ .  
The distance between  
(4,  $x$ ) and (-5, 8) is  $\sqrt{155}$

Answer: \_\_\_\_\_

5. Simplify the following expression.

$$x^4 + 18x^2 + 72 =$$

Answer: \_\_\_\_\_