Activity 1

Solve the square roots. Remember the negatives. Use your calculator and round to the nearest tenths place.

1. $\sqrt{9}$　　　　　　　　　　2. $\sqrt{10}$

3. $\sqrt{4}$　　　　　　　　　　4. $\sqrt{11}$

5. $\sqrt{2}$　　　　　　　　　　6. $\sqrt{17}$

Activity 2

For each of the numbers, tell if it's an integer (IN), a rational number (R), or an irrational number (IR). Use the letter abbreviations.

1. 3.4

2. −4

3. $\sqrt{5}$

4. 0.111111111111111111111111...

5. 2.2360679774997896964091736687313...

6. $\frac{2}{3}$

7. 0.375

8. 0.428571428571428571428571142857142...

Activity 3

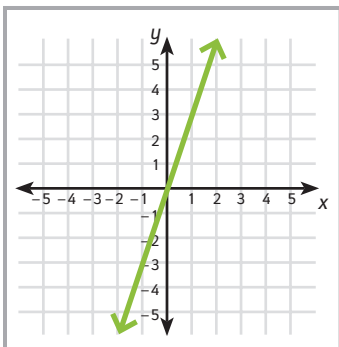**Find the square roots of the numbers between 20 and 30 and answer the questions.**

1. How many of the square roots between 20 and 30 are integers? What are they?

2. How many of the square roots between 20 and 30 are rational numbers? What are they?

3. How many of the square roots between 20 and 30 are irrational numbers? What are they?
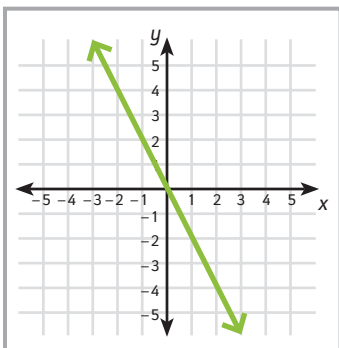
Homework

Activity 4 • Distributed Practice

Create an *x/y* table for the functions shown in the graphs.

1.

2.

3.