

Warm Up

4 is a perfect square because $2 \cdot 2 = 4$. List all the perfect squares using the numbers 1-15.

What is the square root of each of the perfect squares you listed?

Type the following in your calculator and write out every decimal you see.

$$\sqrt{24}$$

How do you feel right now? Draw a picture to illustrate.

Type the following in your calculator and write out every decimal you see.

$$2\sqrt{6}$$

What do you notice about it compared to $\sqrt{24}$?

How many feet is the diameter of the mine?

Too Low	Official Guess	Too High