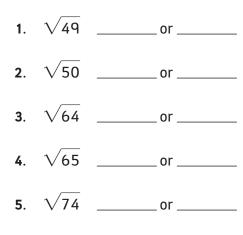Name _____ Date _____

Skills Maintenance
Finding Square Roots

Activity 1

Find the square root of each number. Use a calculator to find the numbers that are not perfect squares. Round to the nearest hundredth. Don't forget to include the negative numbers.

1. $\sqrt{49}$ _____ or _____

2. $\sqrt{50}$ _____ or _____

3. $\sqrt{64}$ _____ or _____

4. $\sqrt{65}$ _____ or _____

5. $\sqrt{74}$ _____ or _____

6. $\sqrt{81}$ _____ or _____

Name _____ Date _____

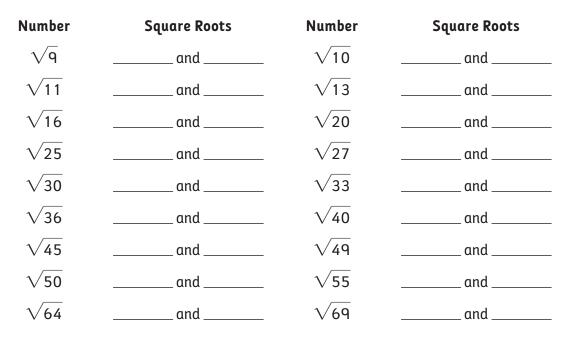## Apply Skills
Properties of Irrational Numbers

Activity 1

Circle the numbers that are irrational numbers in the list. Then explain how you can tell irrational numbers from rational numbers.

$$\sqrt{13} \quad 4.2 \quad \sqrt{4} \quad -3 \quad -\frac{1}{4} \quad 5 \quad \sqrt{5} \quad -2.1 \quad \frac{2}{3}$$

How can you tell irrational numbers from rational numbers?

_____

_____

_____

_____

Activity 2

Find the square roots of each number. You may use a calculator. Round the irrational numbers to the nearest tenth. Remember to include the negative numbers.

Number	Square Roots	Number	Square Roots
$\sqrt{9}$	_____ and _____	$\sqrt{10}$	_____ and _____
$\sqrt{11}$	_____ and _____	$\sqrt{13}$	_____ and _____
$\sqrt{16}$	_____ and _____	$\sqrt{20}$	_____ and _____
$\sqrt{25}$	_____ and _____	$\sqrt{27}$	_____ and _____
$\sqrt{30}$	_____ and _____	$\sqrt{33}$	_____ and _____
$\sqrt{36}$	_____ and _____	$\sqrt{40}$	_____ and _____
$\sqrt{45}$	_____ and _____	$\sqrt{49}$	_____ and _____
$\sqrt{50}$	_____ and _____	$\sqrt{55}$	_____ and _____
$\sqrt{64}$	_____ and _____	$\sqrt{69}$	_____ and _____

mBook Reinforce Understanding
Use the **mBook Study Guide** to review lesson concepts.