

Name _____ Date _____

**Skills Maintenance****Solving Square Roots****Activity 1**

Use a calculator to solve the square roots. Round your answers to the nearest tenth.

1. $\sqrt{32} \pm$ _____

2. $\sqrt{48} \pm$ _____

3. $\sqrt{62} \pm$ _____

4. $\sqrt{80} \pm$ _____

5. $\sqrt{99} \pm$ _____

Name _____ Date _____



Apply Skills

Using Number Sense With Square Roots

Activity 1

Estimate the square roots. Use perfect squares to narrow down the location between two whole numbers. Compute the multiplication and square root on a calculator and compare them to find your estimate.

1. Estimate $\sqrt{32}$. It is between $\sqrt{\quad}$ and $\sqrt{\quad}$. Put the numbers on the number line:



What is your estimate for $\sqrt{32}$?

Compute the square root on a calculator and compare. _____

2. Estimate $\sqrt{51}$. It is between $\sqrt{\quad}$ and $\sqrt{\quad}$. Put the numbers on the number line:



What is your estimate for $\sqrt{51}$? _____

Compute the square root on a calculator and compare. _____

3. Estimate $\sqrt{12}$. It is between $\sqrt{\quad}$ and $\sqrt{\quad}$. Put the numbers on the number line:



What is your estimate for $\sqrt{12}$? _____

Compute the square root on a calculator and compare. _____

4. Estimate $\sqrt{80}$. It is between $\sqrt{\quad}$ and $\sqrt{\quad}$. Put the numbers on the number line:



What is your estimate for $\sqrt{80}$? _____

Compute the square root on a calculator and compare. _____