Homework

Activity 1

Tell the perfect squares you would use above and below each of the numbers if you were estimating the square root.

1. $\sqrt{20}$ is between $\sqrt{?}$ and $\sqrt{?}$
2. $\sqrt{90}$ is between $\sqrt{?}$ and $\sqrt{?}$
3. $\sqrt{40}$ is between $\sqrt{?}$ and $\sqrt{?}$
4. $\sqrt{30}$ is between $\sqrt{?}$ and $\sqrt{?}$
5. $\sqrt{5}$ is between $\sqrt{?}$ and $\sqrt{?}$

Activity 2

Estimate the square roots.

1. $\sqrt{105}$
2. $\sqrt{88}$
3. $\sqrt{39}$
4. $\sqrt{2}$
5. $\sqrt{55}$

Activity 3

Use estimation and answer true or false.

1. A good estimate for $\sqrt{28}$ is 14.
2. A good estimate for $\sqrt{57}$ is 7.5.
3. A good estimate for $\sqrt{68}$ is 9.
4. A good estimate for $\sqrt{14}$ is 2.4.
5. A good estimate for $\sqrt{7}$ is 2.6.

Activity 4 • Distributed Practice

Represent the functions given in words using *x/y* tables.

1. The cost of gas is $3.50 per gallon.
2. The rental car cost $25 per day.
3. Britt makes $10 per hour.