

Homework

Activity 1

Solve the square roots. Use a calculator and round the answer to the nearest tenth. Remember the negatives.

1. $\sqrt{47}$

2. $\sqrt{55}$

3. $\sqrt{65}$

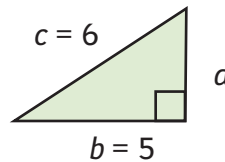
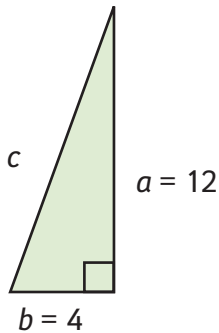
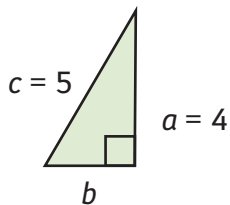
4. $\sqrt{82}$

5. $\sqrt{101}$

6. $\sqrt{75}$

Activity 2

Using the Pythagorean theorem, find the missing parts of the right triangle.

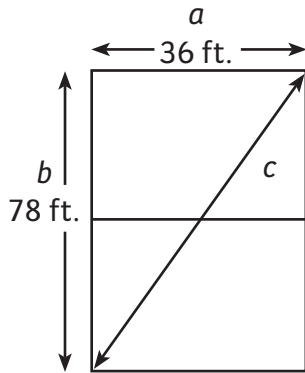
1. What is the measure of side c ?2. What is the measure of side a ?3. What is the measure of side b ?

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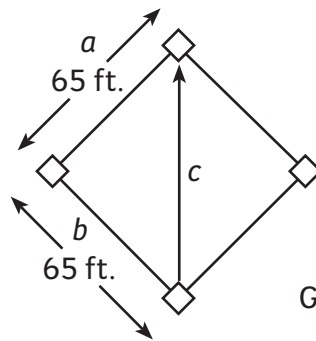
Activity 3

Solve the application problems using the Pythagorean theorem.

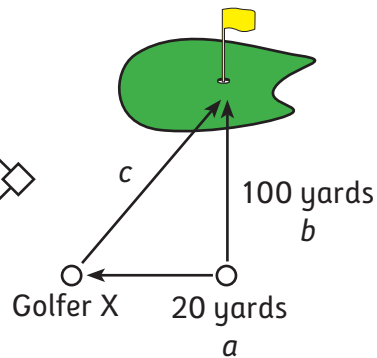
1. What is the length of the diagonal across the doubles match tennis court?



2. How far does the catcher throw from home plate to second base?



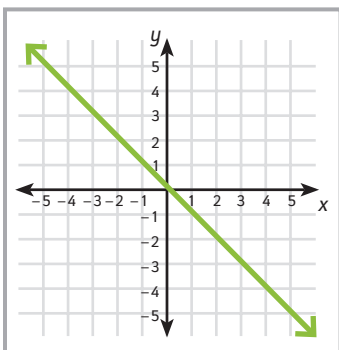
3. How far is it from Golfer X to the flag?



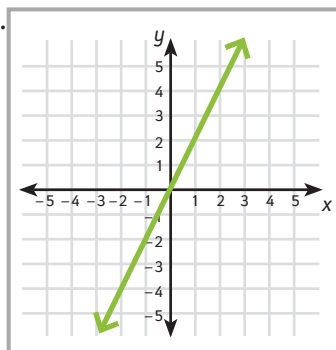
Activity 4 • Distributed Practice

Look at the graph for each function and write its equation.

1.



2.



3.

