4 **Word problems**

Solve each word problem. Show your thinking.

a. A builder is tiling a courtyard that is 57 ft long and 6 ft wide. He is also tiling an area of 10 ft² at the base of the treehouse. What is the total area being tiled?

[_____] ft²

b. A farmer applied for a permit to burn a strip of land that was 643 yd long and 6 yd wide. What was the area of land involved?

[_____] yd²

c. Four friends are vacationing in Rio de Janeiro. Flights are $1,438 each and they can share a hotel room for an extra $815 in total. What is the total cost of flights and hotel for everyone?

$ _____

d. Dwane threw the ball 18 inches less than Natalie. Natalie threw it $2\frac{1}{2}$ ft farther than Gloria. Gloria threw the ball 21 yards. How far did Dwane throw the ball?
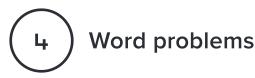
[_____] ft

e. Reece's dad walks a 3-mile route every morning. He walks one mile to the school, another 682 yd to the library, then returns home. How many yards is it from the library to home?

[_____] yd

f. Triangle A has 2 angles that are less than a right angle. Triangle B has one angle that is greater than a right angle. Triangle C has one right angle. What type of triangle is Triangle B?

[_____] triangle

4 Word problems

Solve each word problem. Show your thinking.

a. A builder is tiling a courtyard that is 57 ft long and 6 ft wide. He is also tiling an area of 10 ft² at the base of the treehouse. What is the total area being tiled?

✳

352 ft²

b. A farmer applied for a permit to burn a strip of land that was 643 yd long and 6 yd wide. What was the area of land involved?

✳

3,858 yd²

c. Four friends are vacationing in Rio de Janeiro. Flights are $1,438 each and they can share a hotel room for an extra $815 in total. What is the total cost of flights and hotel for everyone?

✳

$ **6,567**

d. Dwane threw the ball 18 inches less than Natalie. Natalie threw it $2\frac{1}{2}$ ft farther than Gloria. Gloria threw the ball 21 yards. How far did Dwane throw the ball?

✳

64 ft

e. Reece's dad walks a 3-mile route every morning. He walks one mile to the school, another 682 yd to the library, then returns home. How many yards is it from the library to home?

✳

2,838 yd

f. Triangle A has 2 angles that are less than a right angle. Triangle B has one angle that is greater than a right angle. Triangle C has one right angle. What type of triangle is Triangle B?

✳

obtuse triangle