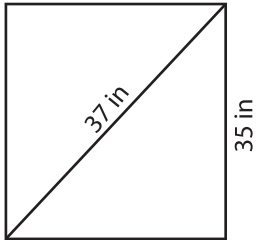Name : _____

Area of a Rectangle
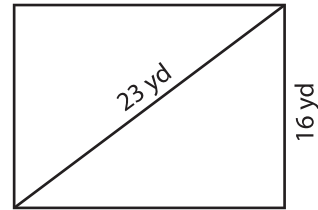
A) Find the area of each rectangle for the given measurements. Round your answer to two decimal places.

1)

37 in   35 in

Area = _____

2)

23 yd   16 yd

Area = _____

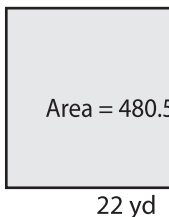3) The length of the diagonal of a rectangle is 40 feet. Find the area of the rectangle, if the length is 36 feet.

_____

4) Determine the area _____ s and has a width of 7 inches.

_____

B) Find the length of the c_____nts. Round your answer to the nearest tenth.

1)

Area = 480.5   22 yd

Diagonal = _____

120 ft²   8 ft

_____
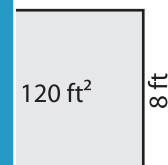
3) The width of a rectangle is 9 inches. If it has an area of 119.06 square inches, find the length of the diagonal.

_____

4) The area of a rectangle is 137.7 square yards. Determine the length of the diagonal, if the rectangle has a length of 21 yards.

_____