Name : _____

Diagonals of a Rectangle

A) Find the length of the diagonal of each rectangle. Round your answer to the nearest tenth.

1) width = 25.6 ft, length = 65.8 ft

    diagonal = _____

2) length = 12 yd, width = 9 yd

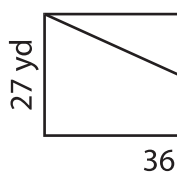   diagonal = _____

3) length = 7 in, width = 4 in

    diagonal = _____

4) width = 8.9 ft, length = 40 ft

B) Find the length of the ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ e nearest tenth.
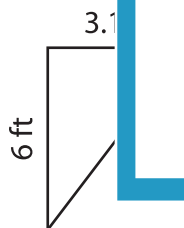
5)

27 yd

36

diagonal = _____

7)

3.1

6 ft

diagonal = _____

8 in

31.8 in

9 yd

8 yd
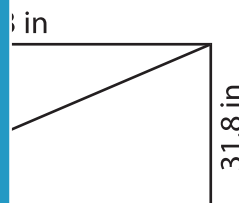
diagonal = _____

9) Find the length of the diagonal of a rectangle whose length and width are 52 inches and 45 inches respectively.

_____