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

1) Area =

2) Area =

3) The diagonal of a rectangle measures 30 yards. What is the area of the rectangle, if the length is 24 yards?

4) Find the area of the rectangle whose diagonal measures 14 feet and has a width of 7 feet.

B) Find the length of the diagonal of each rectangle for the given measurements. Round your answer to the nearest tenth.

1) Diagonal =

2) Diagonal =

3) The area of a rectangle is 96 square feet. Find the length of the diagonal, if the width is 6 feet.

4) The length of a rectangle is 31 inches. If the area of the rectangle is 626.17 square inches, find the length of the diagonal.
A) Find the area of each rectangle for the given measurements. Round your answer to two decimal places.

1) Area = \[308.71 \text{ ft}^2\]

2) Area = \[192 \text{ in}^2\]

3) The diagonal of a rectangle measures 30 yards. What is the area of the rectangle, if the length is 24 yards?

\[432 \text{ square yards}\]

4) Find the area of the rectangle whose diagonal measures 14 feet and has a width of 7 feet.

\[84.87 \text{ square feet}\]

B) Find the length of the diagonal of each rectangle for the given measurements. Round your answer to the nearest tenth.

1) Diagonal = \[29 \text{ in}\]

2) Diagonal = \[10 \text{ yd}\]

3) The area of a rectangle is 96 square feet. Find the length of the diagonal, if the width is 6 feet.

\[17.1 \text{ feet}\]

4) The length of a rectangle is 31 inches. If the area of the rectangle is 626.17 square inches, find the length of the diagonal.

\[37 \text{ inches}\]