

Geometry, Quadratics + Calculators, Oh My!

1. The length of a rectangle is twice the width. If the area is 60, find the width of the rectangle. Then find the length.

Use a calculator to estimate the width and length to the nearest tenth.

width = x

length = _____

width =

length =

2. The length of a rectangle is one more than the width. If the area is 10, find the width of the rectangle.

Use a calculator to estimate the width to the nearest hundredth.

Then find the length.

width = x

length =

width =

length =

3. The length of a rectangle is one more than twice the width. If the area is 7, find the width of the rectangle. Then find the length:

Use a calculator to estimate the width and length to the nearest tenth.

width =

length =

4. The base of a triangle is four times the height. If the area is 30, find the height.

Use a calculator to estimate the height to the nearest hundredth.

height =

base =

5. The base of a triangle is two less than three times the height. If the area is 4, find the height.

Use a calculator to estimate the height to the nearest hundredth.

height =

base =