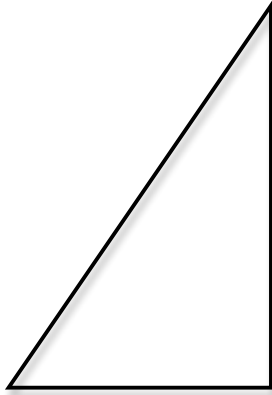


Precalc – Warm Up – 10/28/10

Name: _____

Period: _____

- 1) Label the sides of the following triangle and find $\sin \theta$, $\cos \theta$ and $\tan \theta$

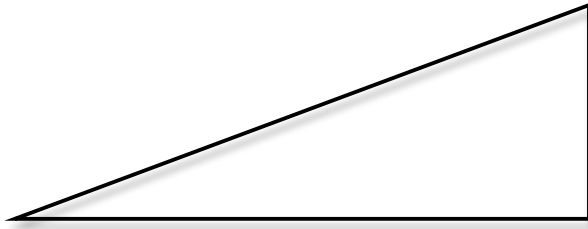


Precalc – Solving Triangle Problems – 10/28/10

Name: _____ Period: _____

Students will be able to find the length of a side of a triangle using trig functions.
--

1)



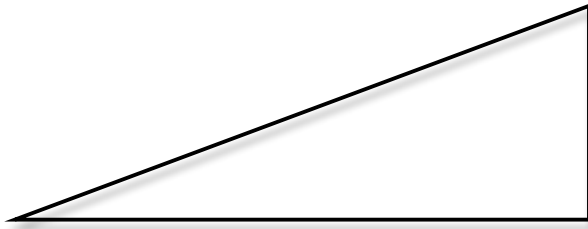
What do you know about this triangle? Which side lengths do you know? Do you know any angles?

What could you find out about this triangle?

What will you use to find it?

Find as many of the missing side lengths as you can.

2)



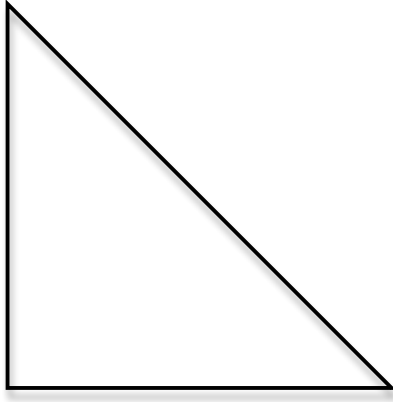
What do you know about this triangle? Which side lengths do you know? Do you know any angles?

What could you find out about this triangle?

What will you use to find it?

Find as many of the missing side lengths as you can.

3)



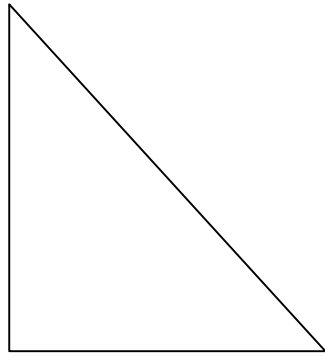
What do you know about this triangle? Which side lengths do you know? Do you know any angles?

What could you find out about this triangle?

What will you use to find it?

Find as many of the missing side lengths as you can.

4)



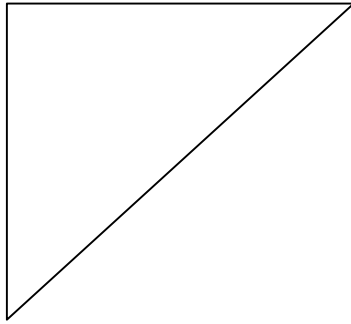
What do you know about this triangle? Which side lengths do you know? Do you know any angles?

What could you find out about this triangle?

What will you use to find it?

Find as many of the missing side lengths as you can.

5)



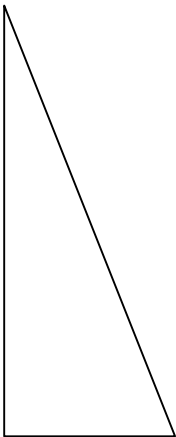
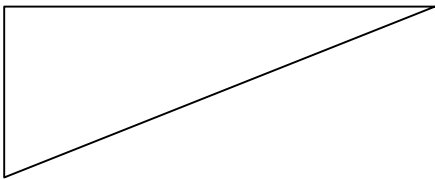
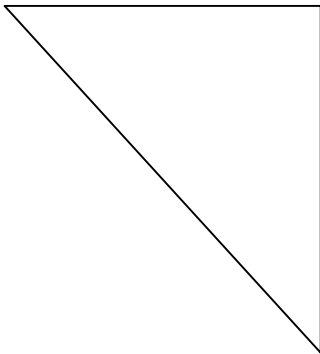
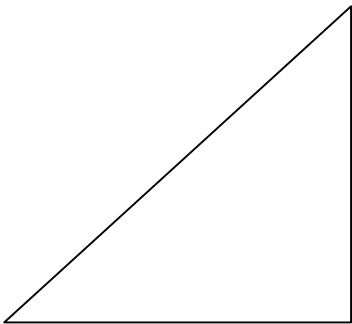
What do you know about this triangle? Which side lengths do you know? Do you know any angles?

What could you find out about this triangle?

What will you use to find it?

Find as many of the missing side lengths as you can.

Find the missing side lengths for the following triangles.

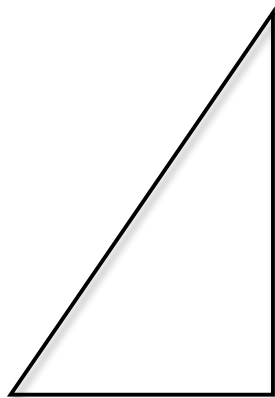


Precalc – Exit Slip – 10/28/10

Name: _____

Period: _____

- 1) Find the missing side lengths of the following triangle.



Precalc – Exit Slip – 10/28/10

Name: _____

Period: _____

- 2) Find the missing side lengths of the following triangle.

