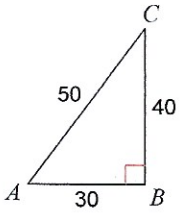# Ch 8 Trig Quiz

Name_____
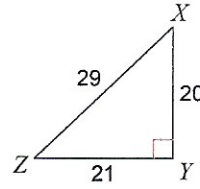
Class_____

Find the value of each trigonometric ratio.
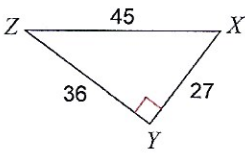
1) cos *C*

2) sin *Z*

3) sin *Z*

4) tan *C*
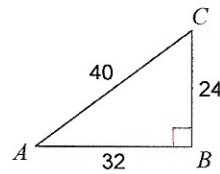
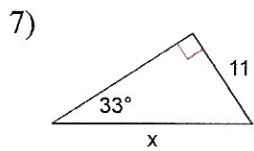**Find the missing side. Round to the nearest tenth.**

5)

6)

7)

8)
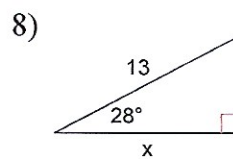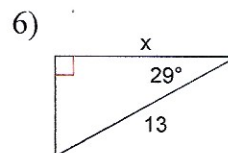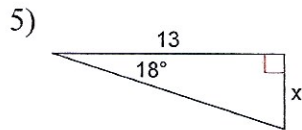
Find the measure of the indicated angle to the nearest degree.
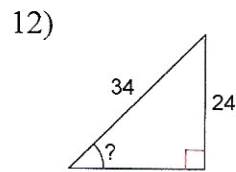
9)

71
46
?

10)

?
34
52

11)

9
8
?

12)

34
24
?
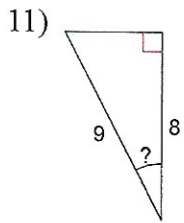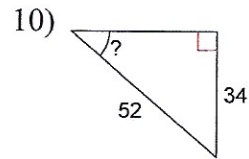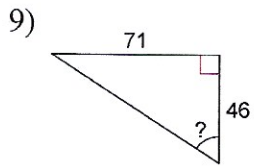
Make a sketch and solve.

13) Find the angle of elevation to the peak of a mountain for an observer who is 155 meters from the mountain and the mountain is 350 meters tall.