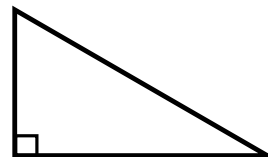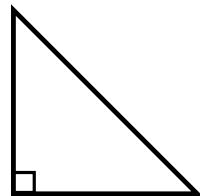## 2.5 Review

Special angles: 30°, 45° and 60° are common angles in trig. You can determine the exact trig ratios for these angles by refering to these two trangles.



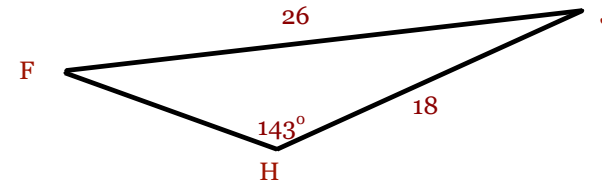Ex. Determine the exact value of cos 225° and then sin 330°.

Ex. Suppose $\theta$ is an angle in standard position with terminal angle in quadrant 4 and cos $\theta$ = 3/8. What are the exact values of sin $\theta$ and tan $\theta$?

Ex. Solve for $\theta$ if 0<$\theta$<360

a) tan $\theta$ = 0.85                  b) sin $\theta$ = - 1/2

**Solve the triangle**

26

J

F

18

143°

H

Solve the following triangle if angle A = 31°, a = 19, and b = 27

Solve the following triangles

X

16

43°

Z

Y   12.5

X

15

12

?

11   Z

Y