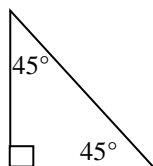
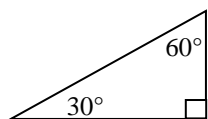


## Ch.6 PRACTICE QUIZ

1. Match each trig ratio to its reciprocal ratio.

_____ $\cos \theta$	A. $\cos \theta$
_____ $\csc \theta$	B. $\sin \theta$
_____ $\tan \theta$	C. $\sec \theta$
_____ $\sin \theta$	D. $\tan \theta$
_____ $\sec \theta$	E. $\csc \theta$
_____ $\cot \theta$	F. $\cot \theta$

2. Fill in the length of each side using whole numbers and roots (no x values.)



3. Use the above triangles to fill in the appropriate ratios. Simplify all answers, rationalize square roots, no decimals!!

$$\sec 30^\circ = \qquad \tan 45^\circ =$$

$$\sin 30^\circ = \qquad \sec 45^\circ =$$

$$\cos 30^\circ = \qquad \sin 45^\circ =$$

$$\cot 30^\circ = \qquad \cos 45^\circ =$$

$$\csc 30^\circ = \qquad \cot 45^\circ =$$

$$\tan 30^\circ = \qquad \csc 45^\circ =$$