

Name : \_\_\_\_\_

**Solve**

L1S3

Solve each equation.

$$1) \sec \frac{\pi}{4} = 7x$$

$$2) 9x \cos 45^\circ = 63$$

$$3) \tan 60^\circ - 1 = x$$

$$5) \frac{11}{x} = \cos \frac{\pi}{6}$$

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$$7) 6 = \frac{x \csc 90^\circ}{9}$$

$$8) 7 \sec 30^\circ = 4x$$