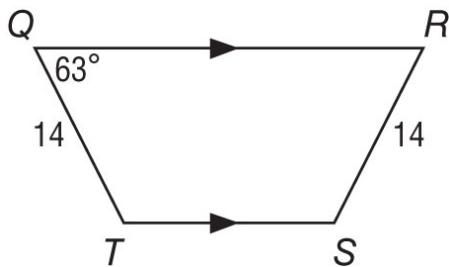# Assignment 6.6

1. A trapezoid that is isosceles has no congruent sides. If false, correct the statement.

A. True   B. False
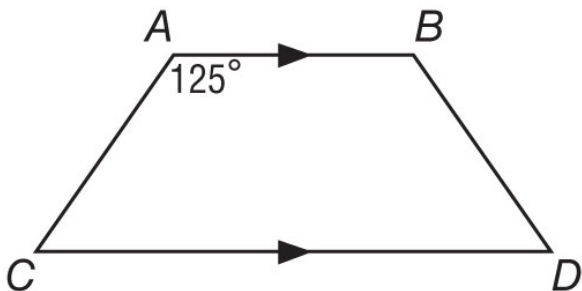
2. In an isosceles trapezoid, the base angles are congruent. If false, correct the statement.
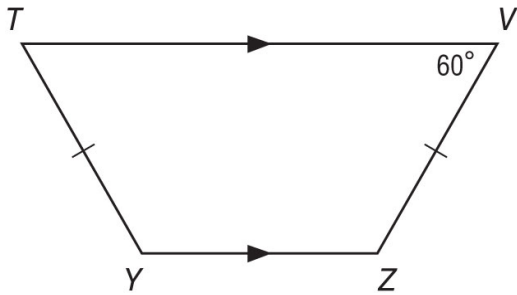
A. True   B. False

3. Find the measure of <S.
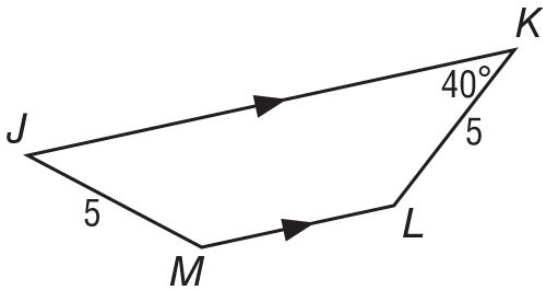

4. Find the measure of <D if ABCD is an isosceles trapezoid.

5. Find the measure of <T.

6. Find the measure of <M if JKLM is an isosceles trapezoid.

7. (a) Verify that EFGH is a trapezoid given E(1,3), F(5,0), G(8,-5), H(-4,4).

(b) Determine if EFGH is an isosceles trapezoid. Explain your reasoning.