

Name: _____ Class: _____ Date: _____

ID: A

5.4 Midsegment of a Triangle Homework

True/False

Indicate whether the statement is true or false.

_____ The diagonals of an isosceles trapezoid are congruent.

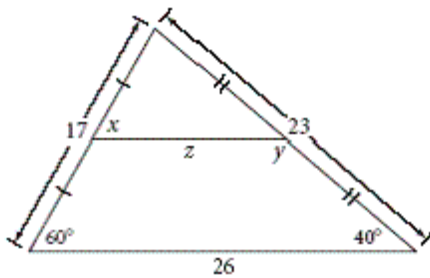
Completion

Complete each statement.

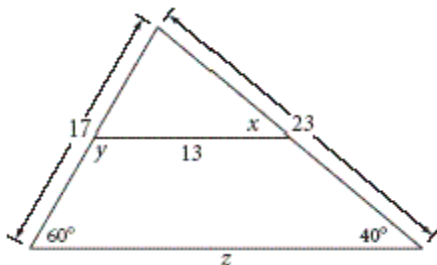
The three midsegments of a triangle divide the triangle into _____.

The length of a midsegment between two sides of a triangle is _____ the length of the third side.

$x =$ _____ °
 $y =$ _____ °
 $z =$ _____



$x =$ _____ °
 $y =$ _____ °
 $z =$ _____



5.4 Midsegment of a Triangle Homework Answer Section

TRUE/FALSE

ANS: T PTS: 1 DIF: Easy REF: Lesson 5.4
OBJ: Define and discover properties of midsegments in triangles and trapezoids
NAT: G.CO.10 TOP: Properties of Midsegments
KEY: isosceles trapezoid | diagonal | congruent

COMPLETION

ANS:
four congruent triangles
congruent triangles

PTS: 1 DIF: Easy REF: Lesson 5.4
OBJ: Define and discover properties of midsegments in triangles and trapezoids
NAT: G.CO.10 TOP: Properties of Midsegments KEY: midsegments | triangle
ANS: half

PTS: 1 DIF: Easy REF: Lesson 5.4
OBJ: Define and discover properties of midsegments in triangles and trapezoids
NAT: G.CO.10 TOP: Properties of Midsegments KEY: triangle sides | midsegment
ANS: 60, 140, 13

PTS: 1 DIF: Moderate REF: Lesson 5.4
OBJ: Define and discover properties of midsegments in triangles and trapezoids
NAT: G.CO.10 TOP: Properties of Midsegments KEY: triangle
ANS: 40, 120, 26

PTS: 1 DIF: Moderate REF: Lesson 5.4
OBJ: Define and discover properties of midsegments in triangles and trapezoids
NAT: G.CO.10 TOP: Properties of Midsegments KEY: triangle