2-3 Midsegments and Review

Name_____

Date_____ Period_____

**Find the missing length indicated.**

1) Find *LM*
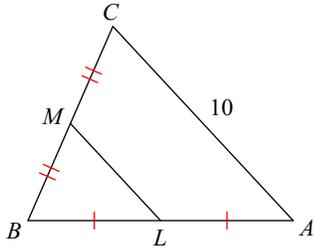
2) Find *KI*
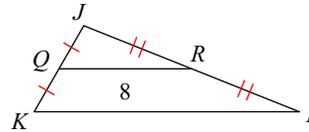

3) Find *TV*
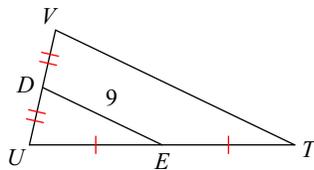
4) Find *PR*
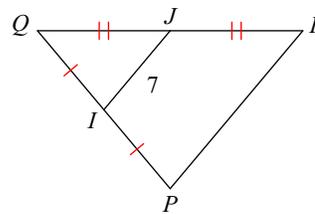
5) Find *LN*
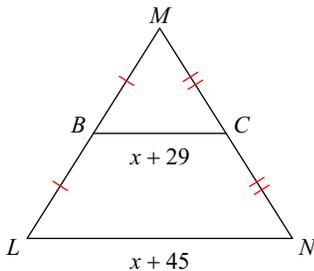
6) Find *ZY*
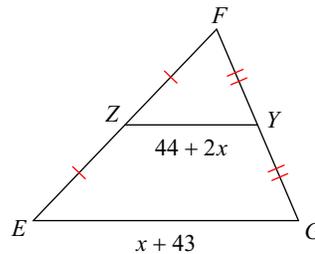
7) Find *LJ*
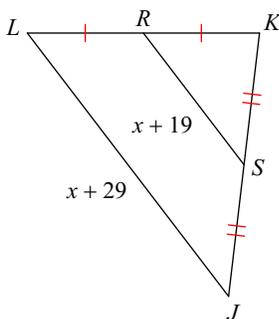
8) Find *TU*
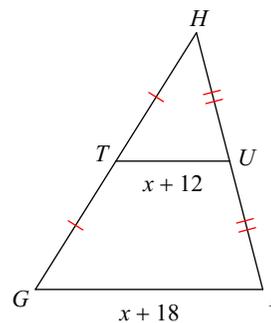
9) Find *JL*
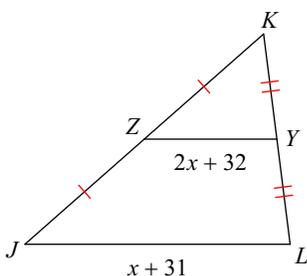
10) Find *LM*
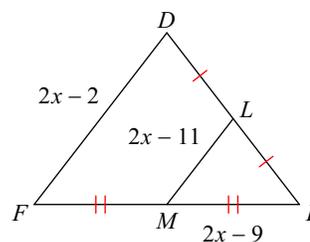
MIXED REVIEW   Solve for *x*.

11)

34° $7x - 5$

67°

12)

$2 + 6x$

28°
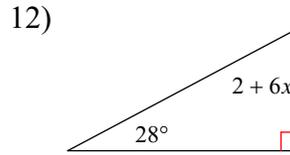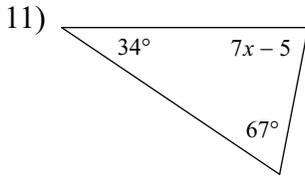
Find the value of *x*.

13)

78°

x

14)

x

55°

15) $m\angle 2 = 10x + 2$

2   49°

16) $m\angle 2 = 5x + 5$

60°

2
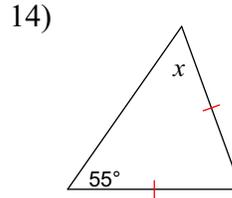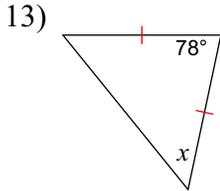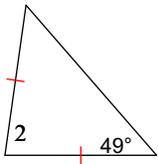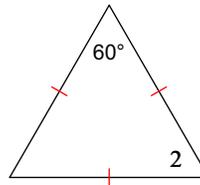
**Identify each pair of angles as corresponding, alternate interior, alternate exterior, consecutive interior, linear pair or vertical.**

17)

y
x

18)

y

x
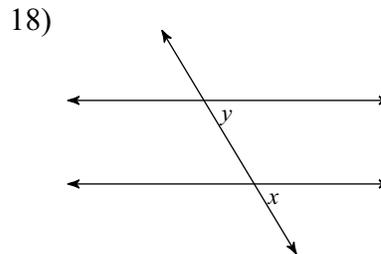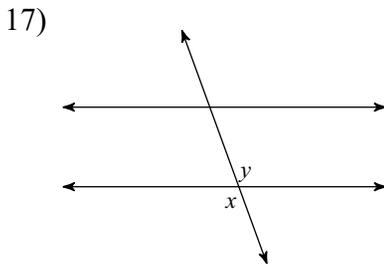
Find the measure of each angle indicated.

19)

?

80°

20)

98°

?

Solve for *x*.

21)

$10x + 5$

$9x + 12$

22)

$11x + 6$

$10x + 15$