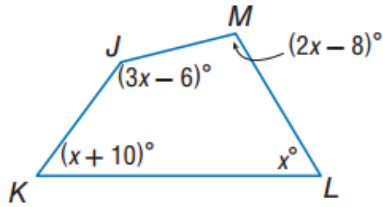


Name _____

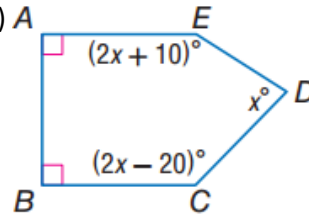
Date _____

Find the measure of each interior angle.

1)

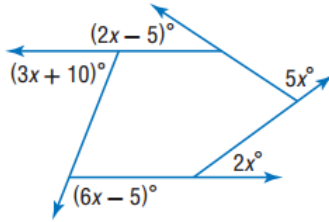


2)

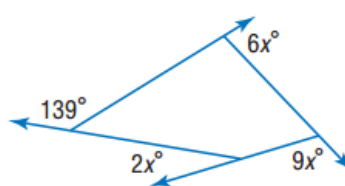


Find the value of x in the diagram.

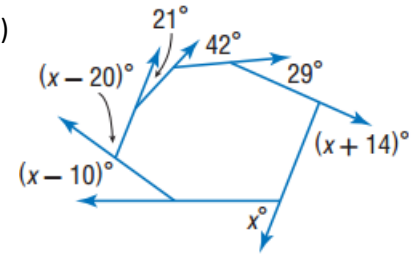
3)



4)



5)



Find the sum of the measures of the interior angles for the given polygon.

6) hendecagon

7) 26-gon

8) 46-gon

Find the measure of an exterior angle (rounded to the tenth) for a regular polygon with the given number of sides.

9) 6

10) 14-gon

11) 20-gon

Given the exterior angle of a regular polygon, find the number of sides.

12) 45

13) 20

14) 14.4

Find the measure of an interior and exterior angle of a regular polygon (rounded to the tenth), given the number of sides.

15) 30

16) 14

17) 16

Given the measure of an interior angle (rounded to the tenth) of a regular polygon, find the number of sides.

18) 176.4

19) 165.6

20) 135