

Cumulative Review

For use after Chapters 1-8

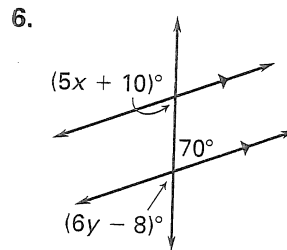
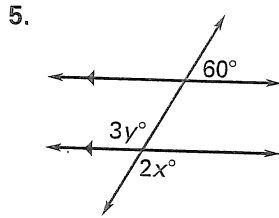
Find the coordinates of the midpoint of \overline{AB} . (1.5)

- $A(-3, 5), B(7, 9)$
- $A(0, 6), B(3, -2)$

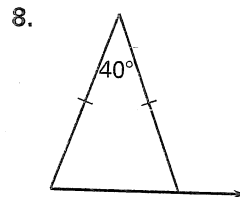
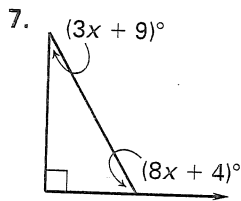
Name the property that justifies the statement. (2.4)

- If $AB = 8$, then $AB + 6 = 14$.
- If $JK = LM$, then $LM = JK$.

Find the value of x and y . (3.3)

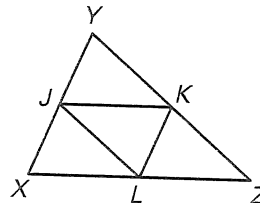


Find the measure to the exterior angle shown. (4.1)

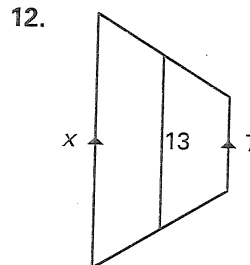
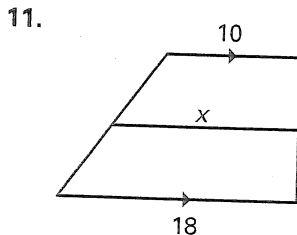


Complete the statement given that $J, K,$ and L are midpoints of sides of $\triangle XYZ$. (5.4)

- $\overline{JK} \parallel$?
- If $\overline{KL} = 6$, then $\overline{YX} =$?



Find the value of x in each trapezoid. (6.5)



Find the coordinates of the reflection using the preimage below. (7.2)

- reflection in the x -axis
- reflection in the y -axis

