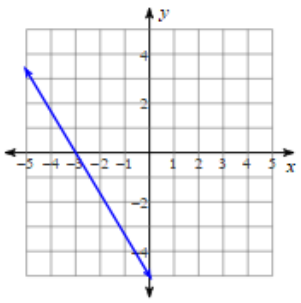
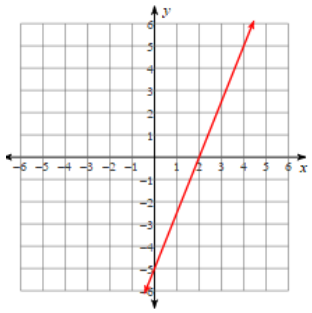
1.

Write the slope-intercept form of the equation of each line.



2.

Write the slope-intercept form of the equation of each line.



3.

Write the slope-intercept form of the equation of the line through the given point with the given slope.

through: $(-1, -1)$, slope $= 2$

4.

Write the slope-intercept form of the equation of the line through the given points.

through: $(0, -4)$ and $(-1, 3)$

5.

Write the slope-intercept form of the equation of the line described.

through: $(-5, -1)$, parallel to $y = -\frac{3}{5}x + 3$

6.

Write the slope-intercept form of the equation of the line described.

through: $(4, -2)$, perp. to $y = -3x$

7.

Sketch the graph of the line.

$5y = -8x - 25$

8.

Sketch the graph of the line.

$0 = -3y - 15 - 6x$

9. **Solve the system for x and y.**

$y = -6$
$y = 6x - 12$

10. **Solve the system for x and y.**

$y = -5x - 7$
$y = 3x + 1$

11. **Solve the system for x and y.**

$y = -4x - 4$
$y = -4$

12. **Solve the system for x and y.**

$y = -4x + 12$
$y = 8x$

13.

Write the equation in slope-intercept form for the perpendicular bisector of the segment with the given ednpoints.

E(-4, -7) and F(0, 1)

14.

Write the equation in slope-intercept form for the perpendicular bisector of the segment with the given ednpoints.

X(-7, 5) and Y(-1, -1)

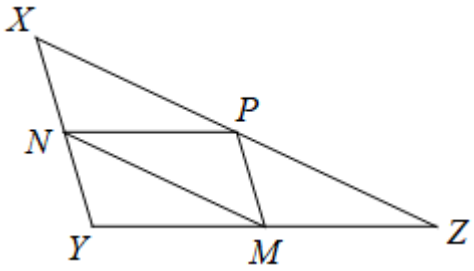
15.

Write the equation in slope-intercept form for the perpendicular bisector of the segment with the given ednpoints.

M(-3, -1) and N(7, -5)

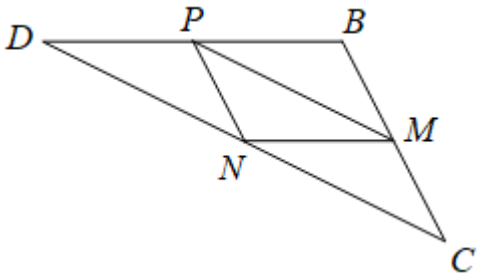
1.

M, N, and P are the midpoints of the sides. Name all pairs of parallel segments.



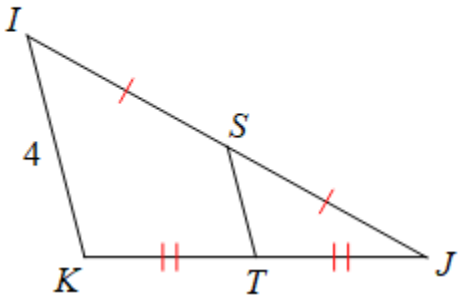
2.

M, N, and P are the midpoints of the sides. Name all pairs of parallel segments.



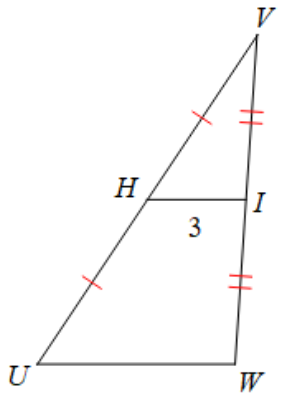
3.

Find ST



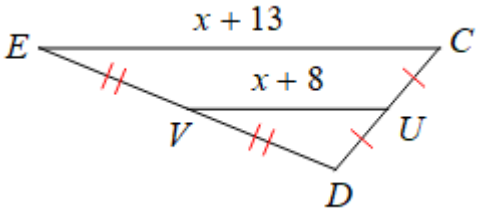
4.

Find UW



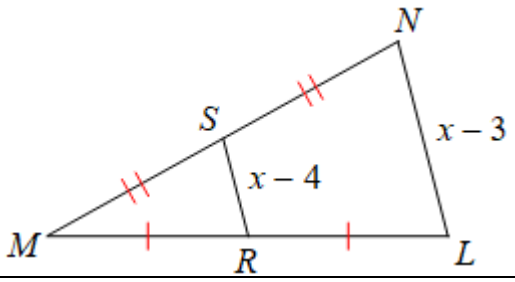
5.

Solve for x.



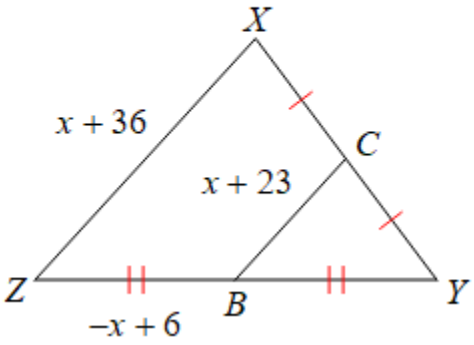
6.

Solve for x.



7.

Find XZ



8.

Find YX