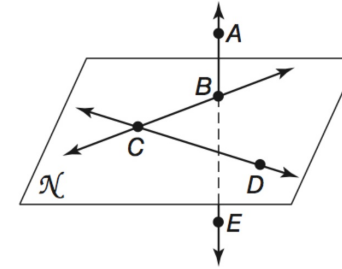


Q1

9-Weeks Test Review



Name the intersection of plane \mathcal{N} and line \overleftrightarrow{AE} .

Name the intersection of \overleftrightarrow{BC} and \overleftrightarrow{DC} .

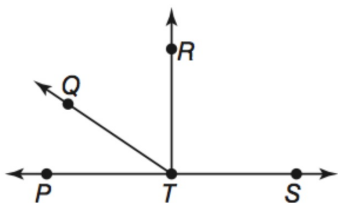
Name two points coplanar with point C.

Find the value of x and YZ if Y is between X and Z .

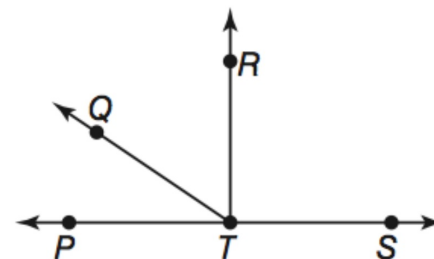
$$XY = 12, YZ = 2x, \text{ and } XZ = 28$$

Find the value of x and YZ if Y is between X and Z .

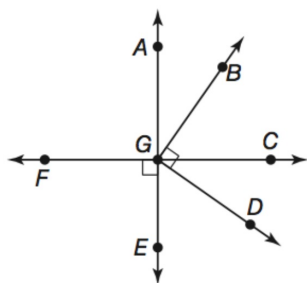
$$XY = 4x, YZ = 3x, \text{ and } XZ = 42$$



If $m\angle RTS = 8x + 18$, find the value of x so that $\overrightarrow{TR} \perp \overrightarrow{TS}$.

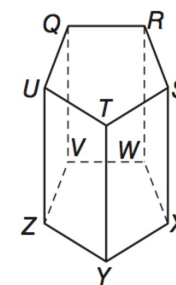


If $m\angle PTQ = 3y - 10$ and $m\angle QTR = y$, find the value of y so that $\angle PTR$ is a right angle.

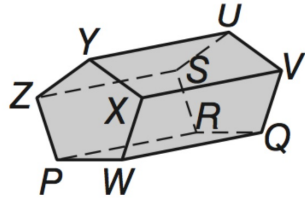


If $m\angle FGE = 5x + 10$, find the value of x so that $\overrightarrow{FC} \perp \overrightarrow{AE}$.

Name a segment that is skew to \overline{YZ} .



Name a segment that is skew to \overline{YZ} .



Write the converse, inverse, and contrapositive:

$$\text{If } x = 7, \text{ then } 2x - 5 = 11.$$

Find a counterexample:

If it ran up the tree, then it is a squirrel.

Find the slope:

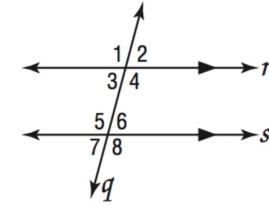
$$A(-3, 0) \quad B(0, 3)$$

Determine the slope of the line

$$L(1, -2), N(-6, 3)$$

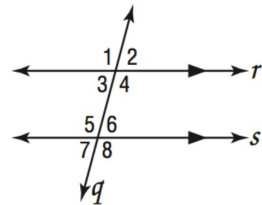
Identify the special name for the angle pair.

angles 2 and 7



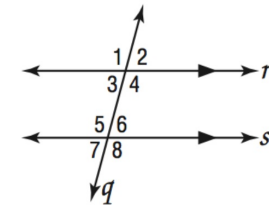
Identify the special name for the angle pair.

angles 4 and 6



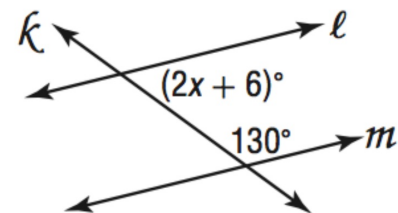
Identify the special name for the angle pair.

angles 3 and 7

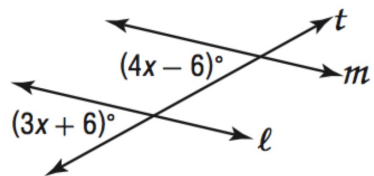


Write the equation of a line with a slope $-2/3$ and a y-intercept of 10.

Find x so that $\ell \parallel m$.



Find x so that $\ell \parallel m$.



Write an equation of the line.

slope = 4, passes through (6, 2)

What is the slope of the line perpendicular to

$$y = -\frac{4}{3}x - 12$$