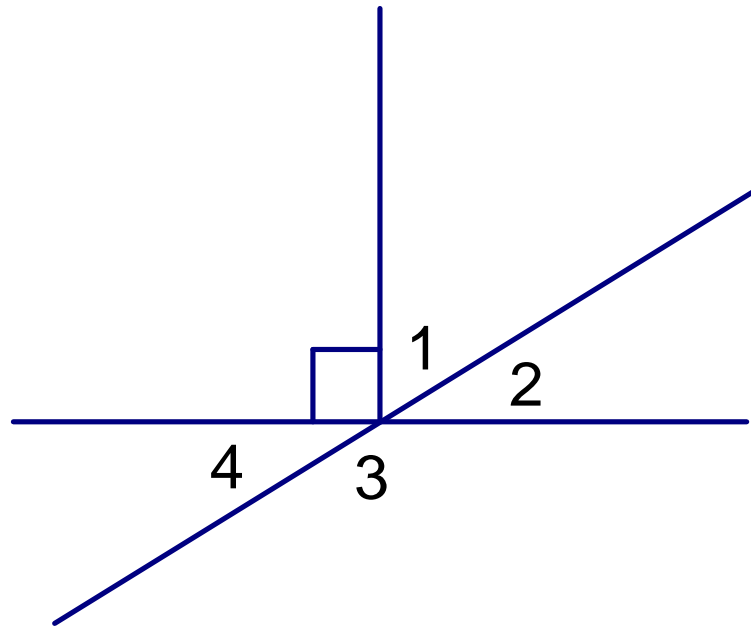
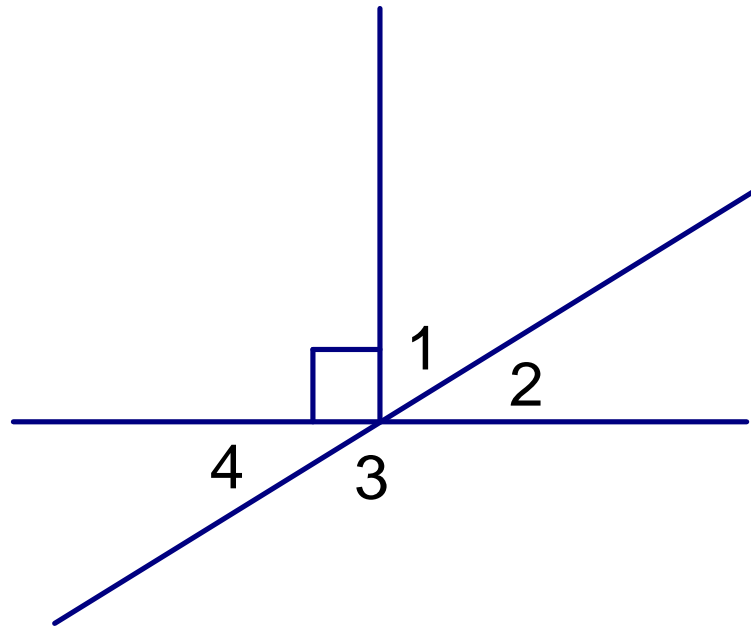


# Name the vertical angles



# Name the vertical angles



$\angle 2$  and  $\angle 4$



An angle bisector divides  
an angle into

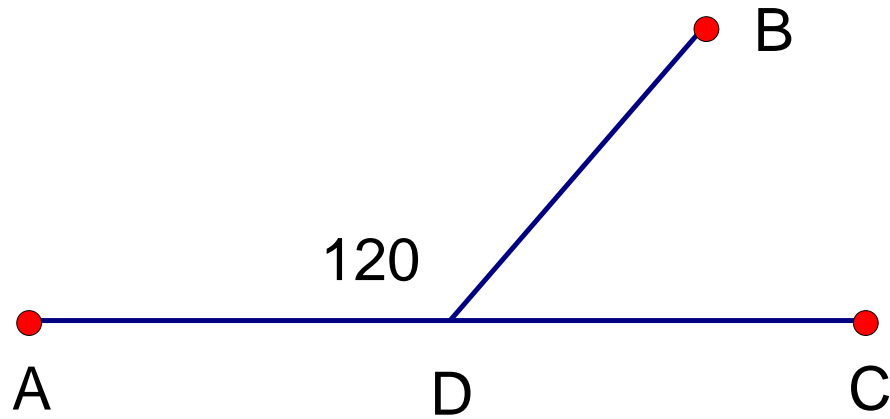
\_\_\_\_\_.

An angle bisector divides  
an angle into  

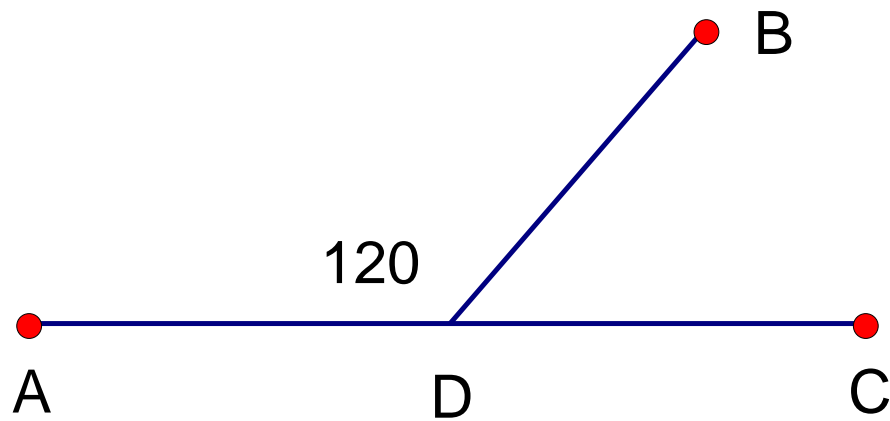
---

Two congruent angles

$m\angle BDC = ?$



$m\angle BDC = ?$



$m\angle BDC = 60^\circ$

A decorative vertical strip on the left side of the page features three balloons: a light green one at the top, a light blue one in the middle, and a light purple one at the bottom. Each balloon is attached to a thin, wavy string and has several small, yellow, triangular shapes radiating from its base, resembling confetti or light rays.

If one angle is  $45^\circ$ , then  
its complement is?

A decorative vertical strip on the left side of the page features three balloons: a light green one at the top, a light blue one in the middle, and a light purple one at the bottom. Each balloon is attached to a thin, wavy ribbon and has several small, yellow, triangular shapes radiating from its base, resembling light or confetti.

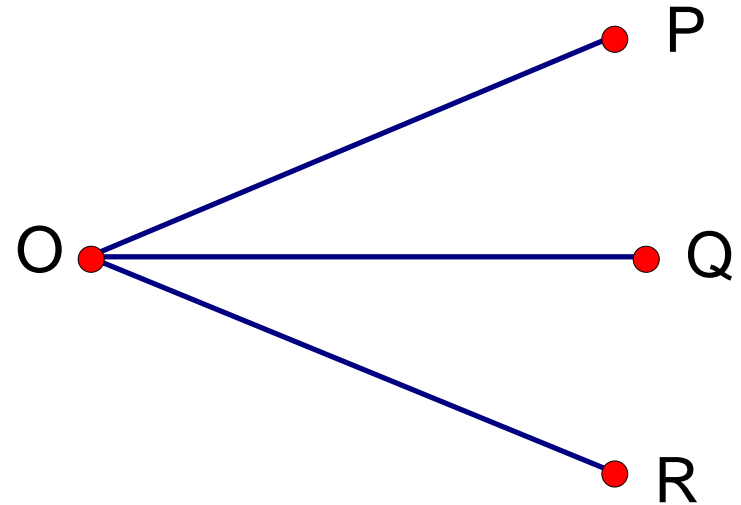
If one angle is  $45^\circ$ , then  
its complement is?

$45^\circ$



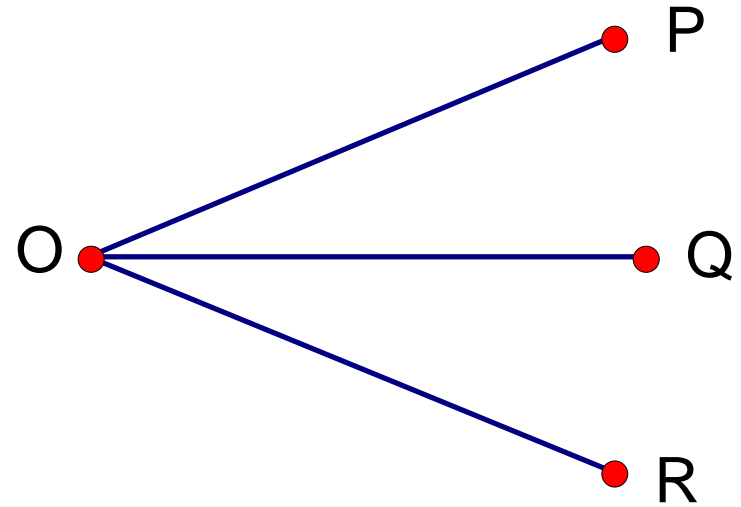
$\overrightarrow{OQ}$  is an angle bisector

If  $m\angle POR = 60^\circ$   
then  $m\angle QOR = ?$



$\overrightarrow{OQ}$  is an angle bisector

If  $m\angle POR = 60^\circ$   
then  $m\angle QOR = ?$



$30^\circ$

# Classify the Angle

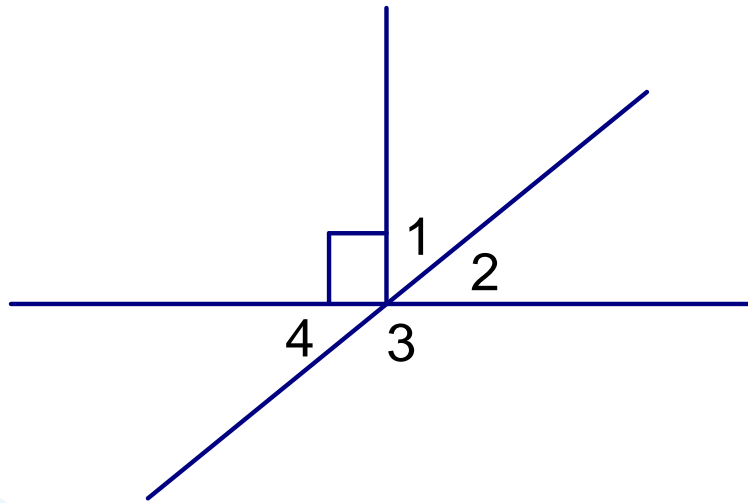


# Classify the Angle

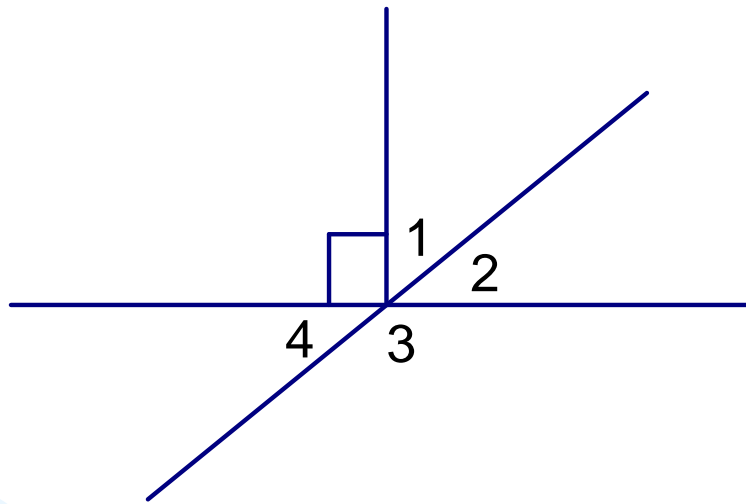


obtuse

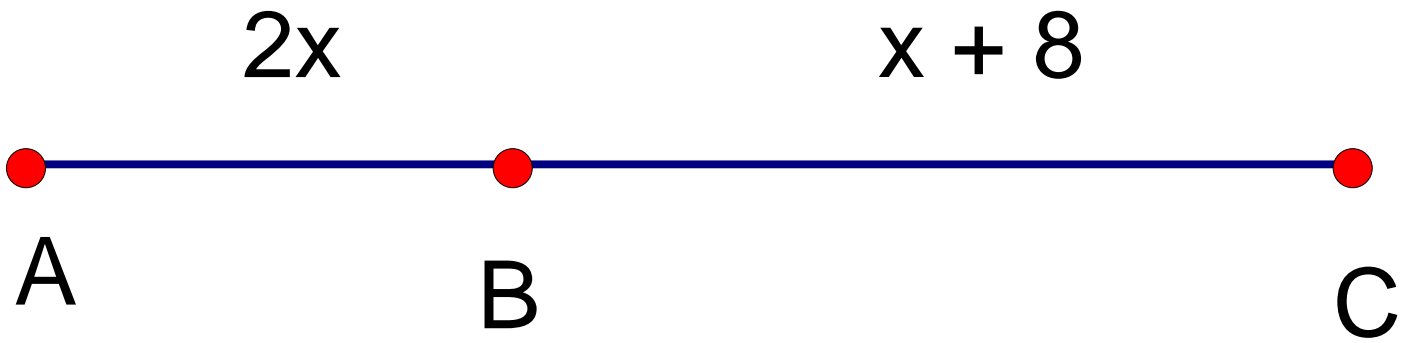
# Name the Supplementary Angles



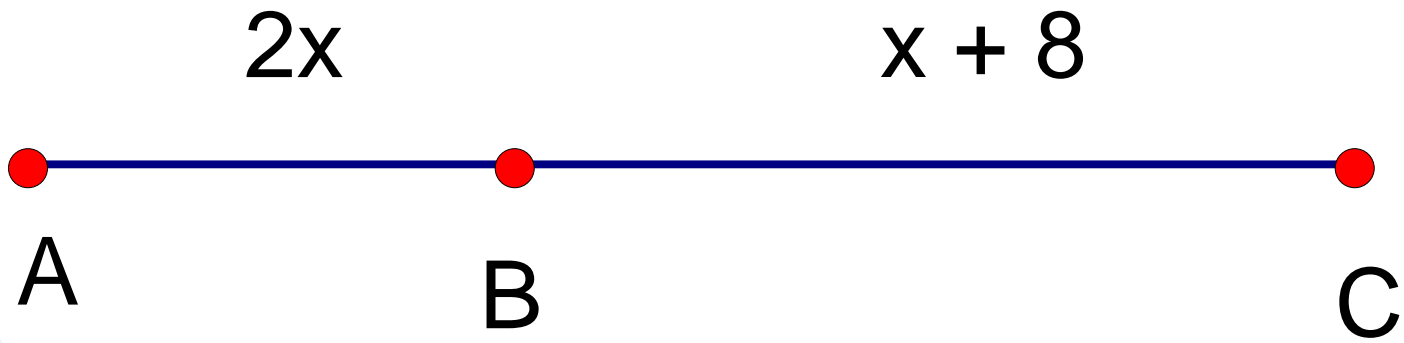
# Name the Supplementary Angles



$\angle 3$  and  $\angle 4$



If  $AC = 38$ , find  $x$



If  $AC = 38$ , find  $x$

$$x = 10$$

Three balloons are visible on the left side of the slide: a light green one at the top, a light blue one in the middle, and a light purple one at the bottom. Each balloon has a string and several small yellow triangular shapes radiating from it, suggesting light or movement.

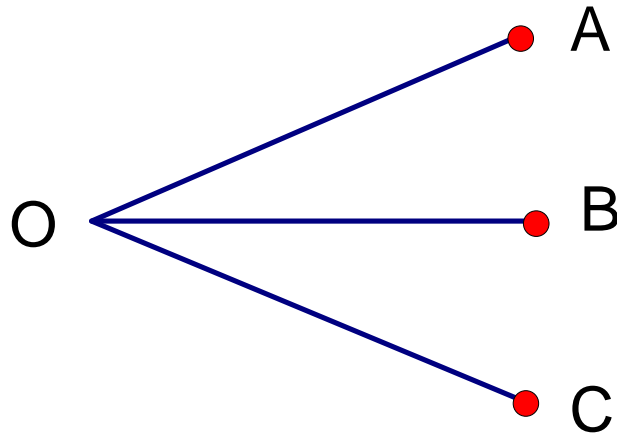
Two intersecting lines  
contain how many  
planes?

A decorative graphic on the left side of the slide features three balloons: a light green one at the top, a light blue one in the middle, and a light purple one at the bottom. Each balloon is attached to a thin, curved string and has several small, yellow, triangular shapes radiating from its top, resembling sunbeams or confetti.

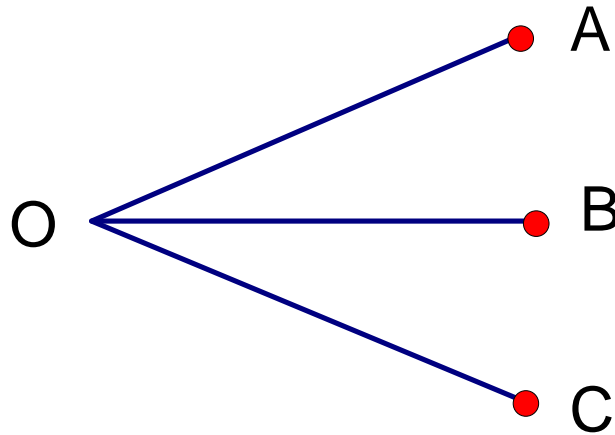
Two intersecting lines  
contain how many  
planes?

one

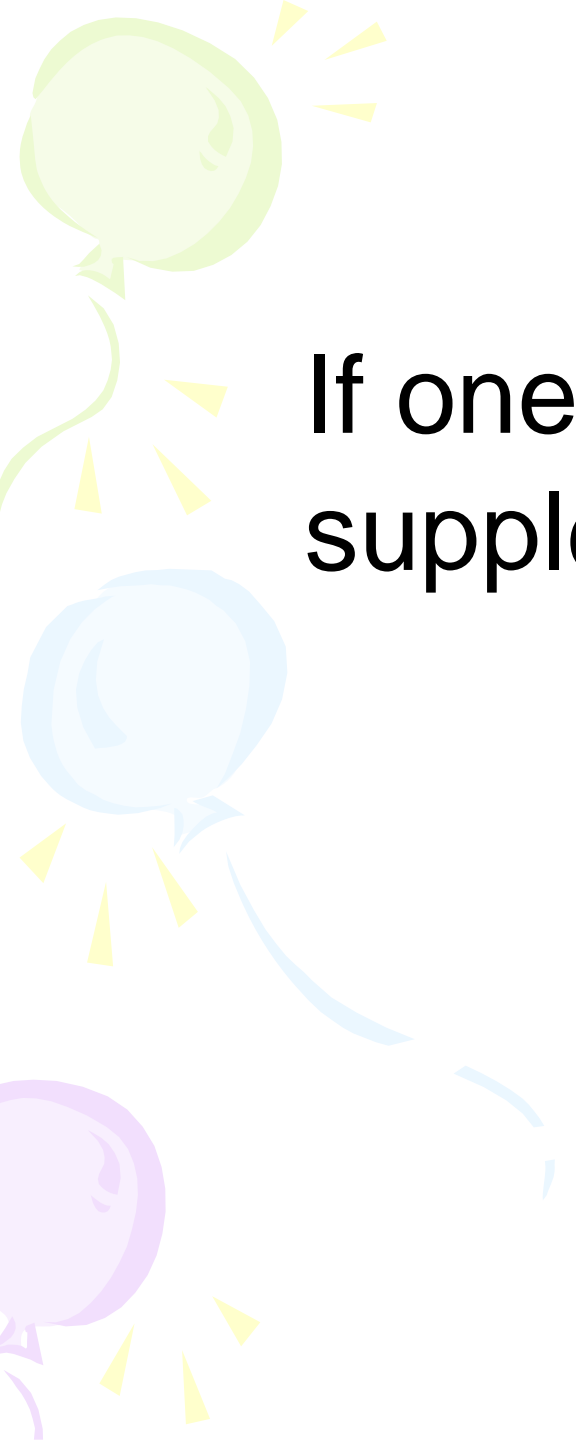
# State the Angle Addition Postulate



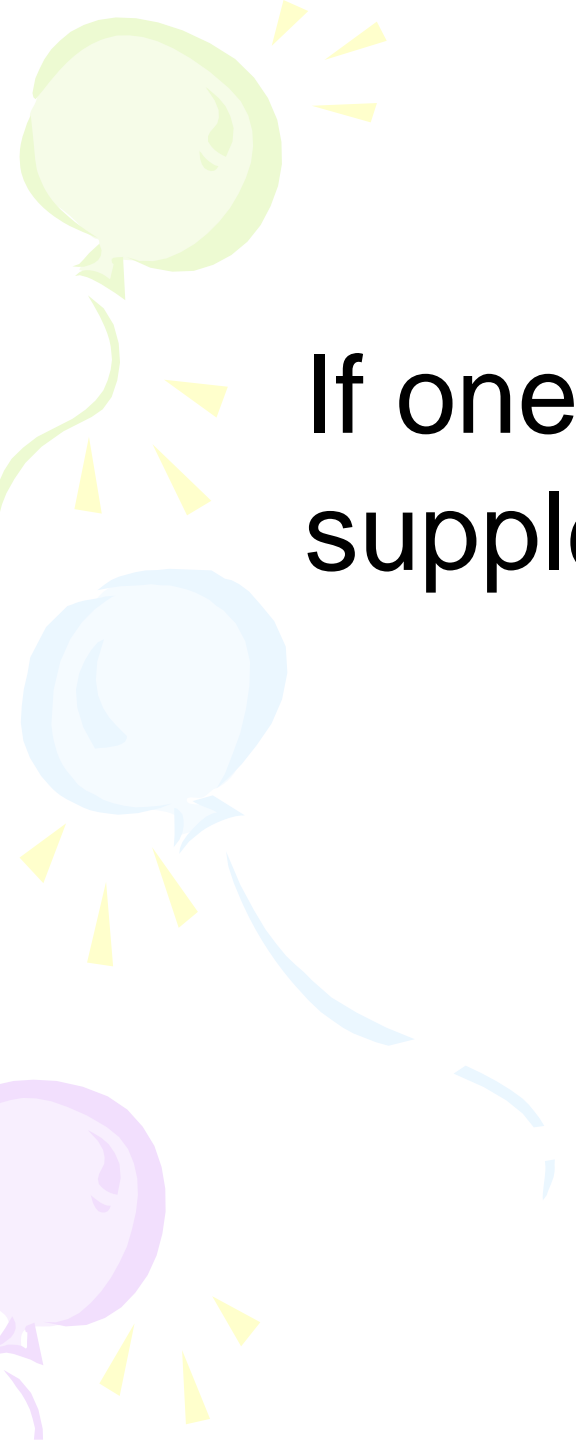
# State the Angle Addition Postulate



$$m\angle AOB + m\angle BOC = m\angle AOC$$

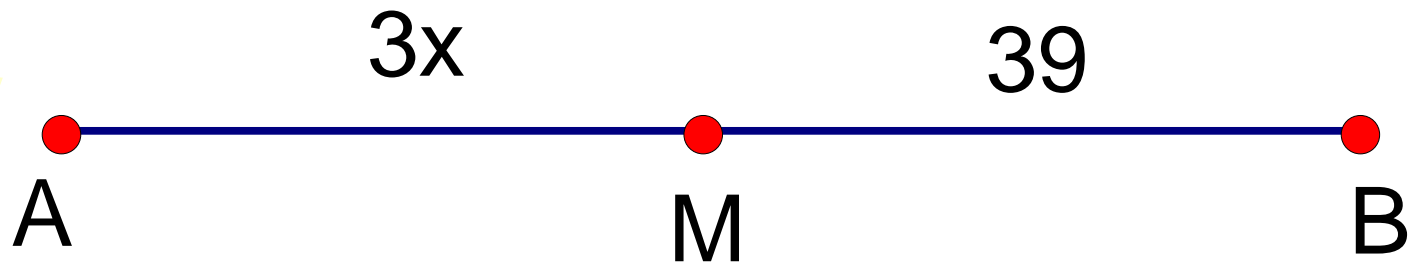
A decorative graphic on the left side of the page features three balloons: a light green one at the top, a light blue one in the middle, and a light purple one at the bottom. Each balloon is attached to a string and has several small yellow triangular shapes radiating from its base, resembling streamers or confetti.

If one angle is  $30^\circ$ , then its supplement is \_\_\_\_\_.

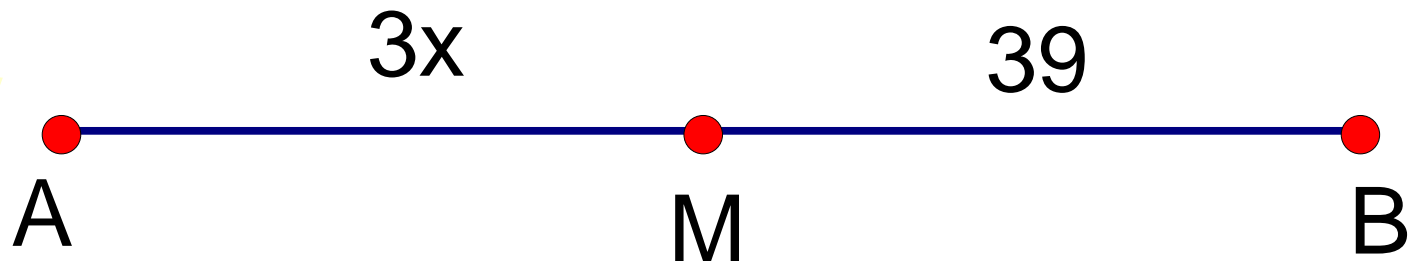
A decorative graphic on the left side of the page features three balloons: a green one at the top, a light blue one in the middle, and a purple one at the bottom. Each balloon is attached to a string and has several small yellow triangular shapes radiating from it, resembling a sun or a starburst.

If one angle is  $30^\circ$ , then its supplement is \_\_\_\_\_.

$150^\circ$



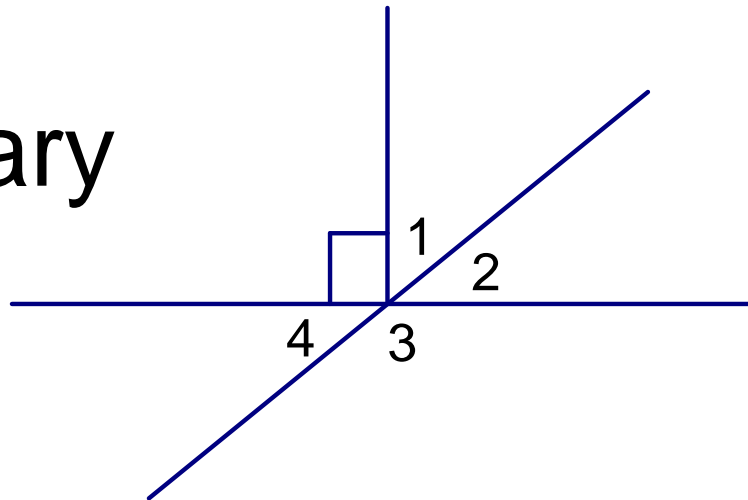
If M is a midpoint, find x



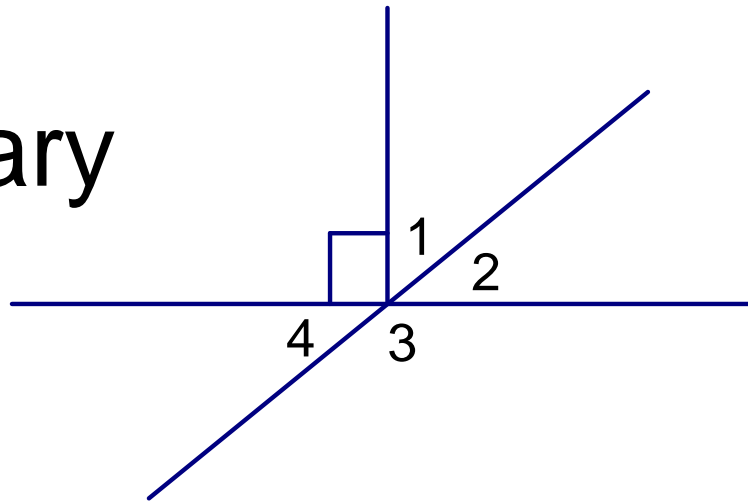
If M is a midpoint, find x

13

Name the complementary angles.

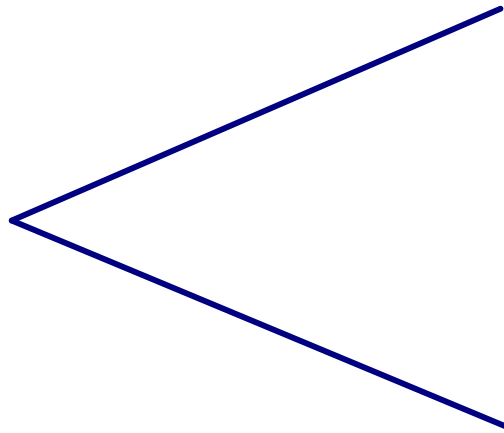


Name the  
complementary  
angles.



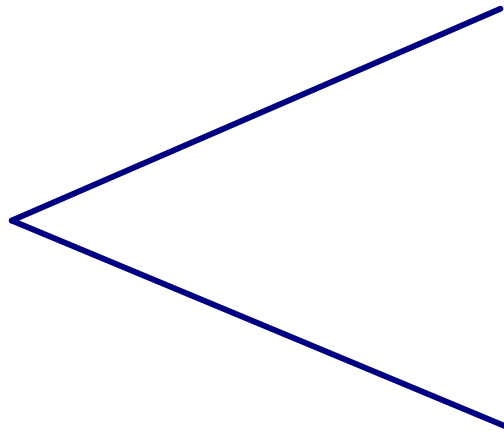
$\angle 1$  and  $\angle 2$

Classify the angle



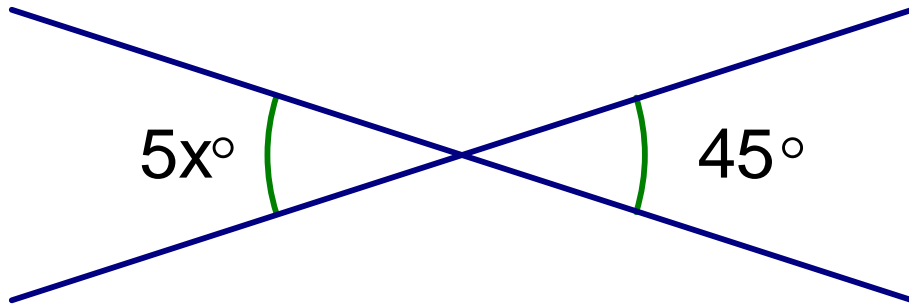


# Classify the angle



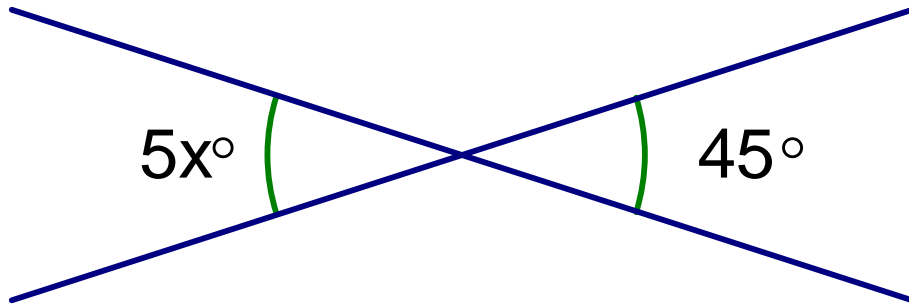
acute

Find  $x$



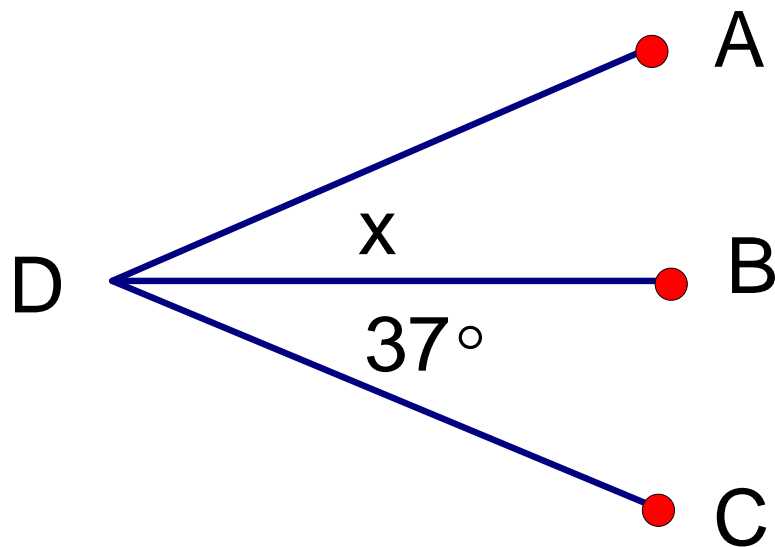


Find  $x$

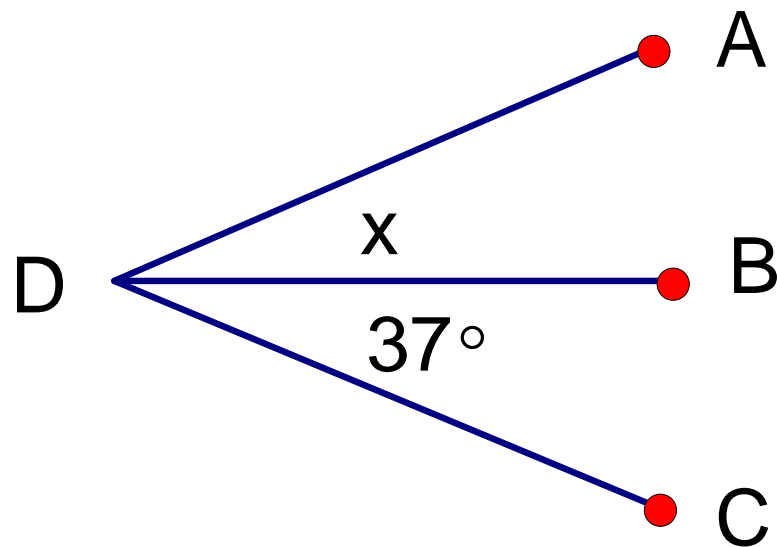


$$x = 9$$

If  $m\angle ADC = 45^\circ$ ,  
find  $x$



If  $m\angle ADC = 45^\circ$ ,  
find  $x$



$$x = 8^\circ$$