



# Adjacent Angles

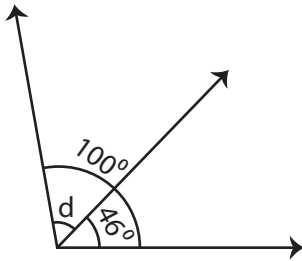
Name \_\_\_\_\_

Score \_\_\_\_\_

PA:16

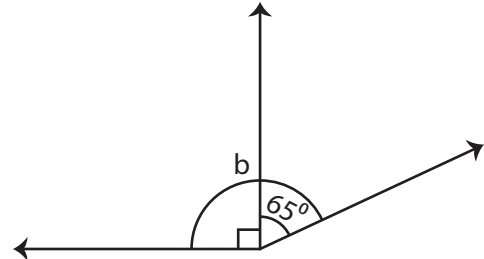
Find the unknown angle.

1)



$d =$

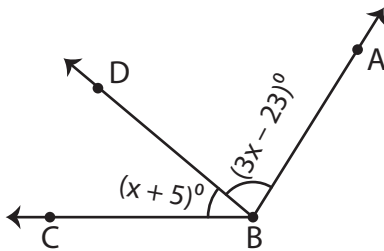
2)



$b =$

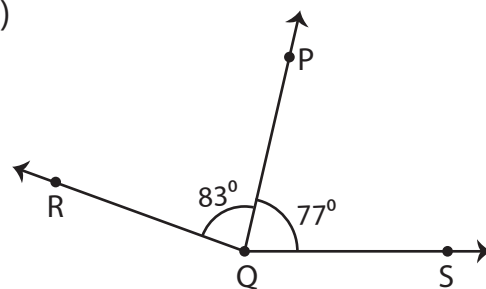
Find the value of x.

1)



$m\angle ABC = 122^\circ$       $x =$

2)



$m\angle RQS = 10x^\circ$       $x =$

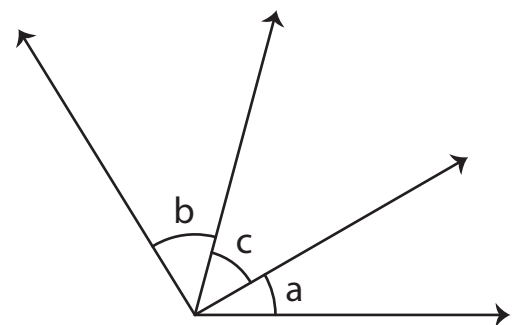
Answer the following.

- 1) The angles  $\angle a$  and  $\angle c$  are  
 a) adjacent     b) not adjacent

- 2) Which angle is adjacent to  $\angle b$ ?  
 \_\_\_\_\_

- 3) Which is the smallest adjacent angle to  $\angle c$ ?  
 \_\_\_\_\_

- 4) Which two angles are adjacent to  $\angle c$ ?  
 \_\_\_\_\_





# Adjacent Angles

Name \_\_\_\_\_

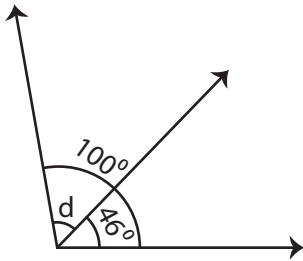
Score \_\_\_\_\_

## Answer key

PA:16

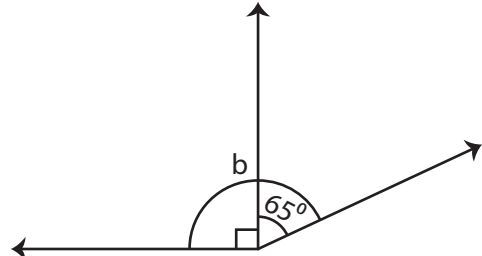
Find the unknown angle.

1)



$d = 54^\circ$

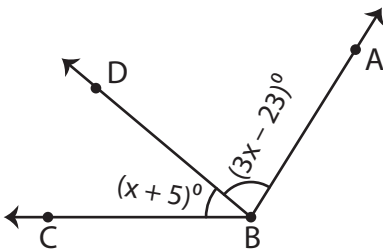
2)



$b = 155^\circ$

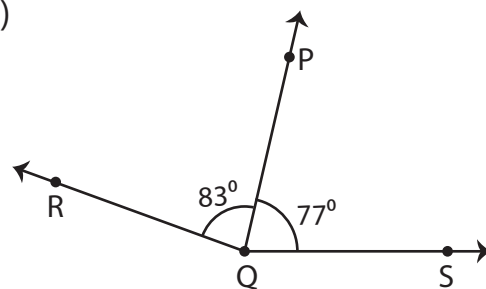
Find the value of x.

1)



$m\angle ABC = 122^\circ$       $x = 35$

2)



$m\angle RQS = 10x^\circ$       $x = 16$

Answer the following.

1) The angles  $\angle a$  and  $\angle c$  are

~~a)~~ adjacent     b) not adjacent

2) Which angle is adjacent to  $\angle b$ ?

$\angle c$

3) Which is the smallest adjacent angle to  $\angle c$ ?

$\angle a$

4) Which two angles are adjacent to  $\angle c$ ?

$\angle a$  and  $\angle b$

