

Angles on a straight line

Name:

Class:

Date:

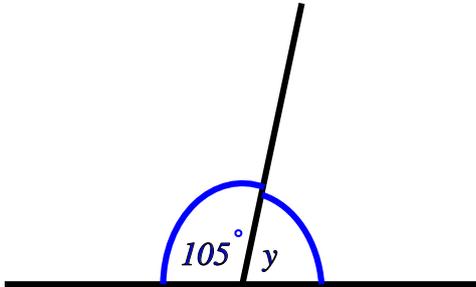
Mark

/ 10

%

1) Find the value of y

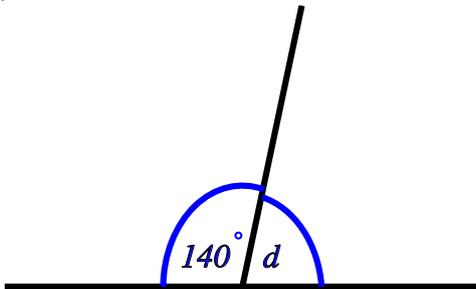
[1]



$$y = \boxed{}^\circ$$

2) Find the value of d

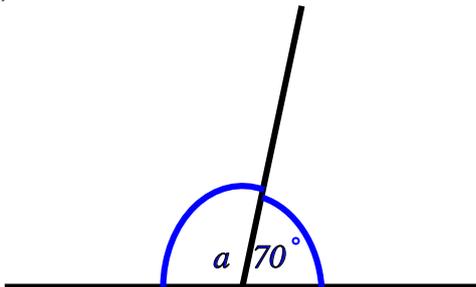
[1]



$$d = \boxed{}^\circ$$

3) Find the value of a

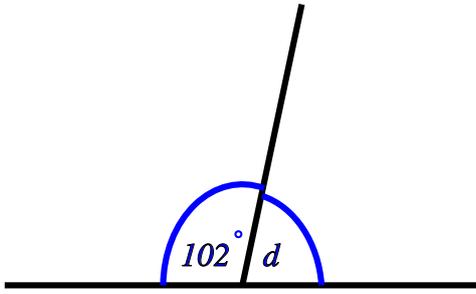
[1]



$$a = \boxed{}^\circ$$

4) Find the value of d

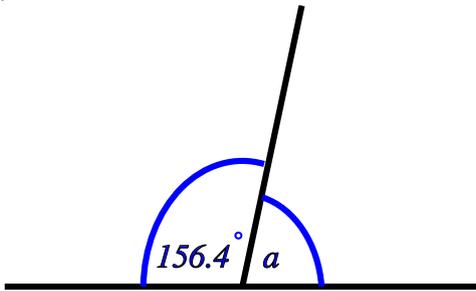
[1]



$$d = \boxed{}^\circ$$

5) Find the value of a

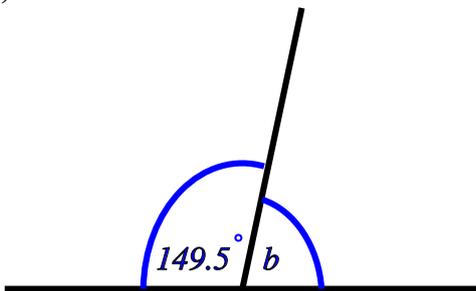
[1]



$$a = \boxed{}^\circ$$

6) Find the value of b

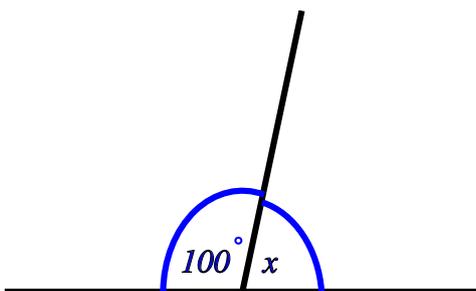
[1]



$$b = \boxed{}^\circ$$

7) Find the value of x , **giving a reason for your answer.**

[1]



$$x = \boxed{}^\circ$$

Reason:

8) What is the supplement of 85° ?

[1]

9) What is the supplement of 21° ?

[1]

10) What is the supplement of 69.6° ?

[1]

Solutions for the assessment Angles on a straight line

1) $y = 75^\circ$

2) $d = 40^\circ$

3) $a = 110^\circ$

4) $d = 78^\circ$

5) $a = 23.6^\circ$

6) $b = 30.5^\circ$

7) $x = 80^\circ$ (Angles on a straight line sum to 180°)

8) 95°

9) 159°

10) 110.4°