

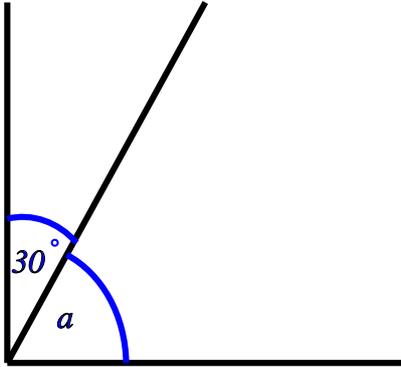
# Angles in a right angle

Name:	Class:	Date:
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Mark	/ 10	%
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1) Find the value of  $a$

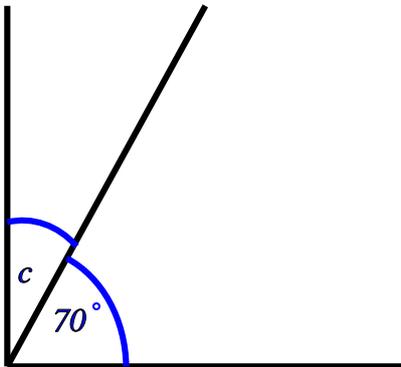
[1]



$$a = \boxed{\phantom{000}}^\circ$$

2) Find the value of  $c$

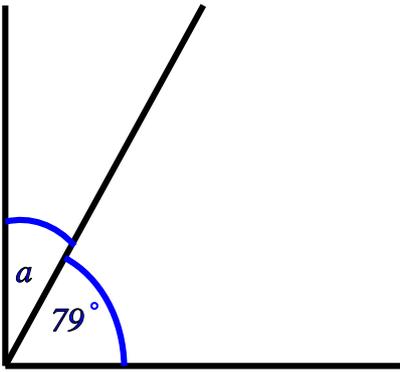
[1]



$$c = \boxed{\phantom{000}}^\circ$$

3) Find the value of  $a$

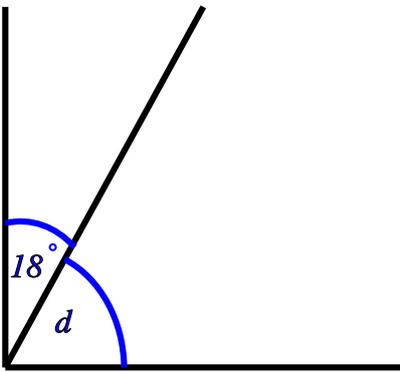
[1]



$$a = \boxed{\phantom{000}}^\circ$$

4) Find the value of  $d$

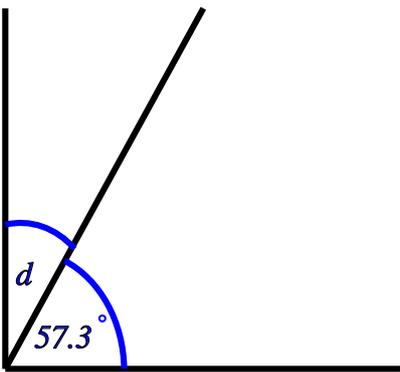
[1]



$$d = \boxed{\phantom{000}}^\circ$$

5) Find the value of  $d$

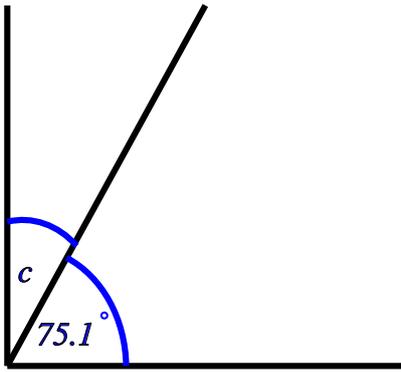
[1]



$$d = \boxed{\phantom{000}}^\circ$$

6) Find the value of  $c$

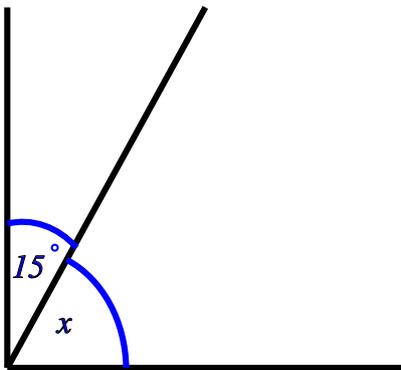
[1]



$$c = \boxed{\phantom{000}}^\circ$$

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

[1]



$$x = \boxed{\phantom{000}}^\circ$$

**Reason:**

8) What is the complement of  $45^\circ$ ?

$$\boxed{\phantom{000}}^\circ$$

[1]

9) What is the complement of  $65^\circ$ ?

$$\boxed{\phantom{000}}^\circ$$

[1]

10) What is the complement of  $18.9^\circ$ ?

$$\boxed{\phantom{000}}^\circ$$

[1]

**Solutions for the assessment Angles in a right angle**

1)  $a = 60^\circ$

2)  $c = 20^\circ$

3)  $a = 11^\circ$

4)  $d = 72^\circ$

5)  $d = 32.7^\circ$

6)  $c = 14.9^\circ$

7)  $x = 75^\circ$  (Angles in a right-angle sum to  $90^\circ$ )

8)  $45^\circ$

9)  $25^\circ$

10)  $71.1^\circ$