

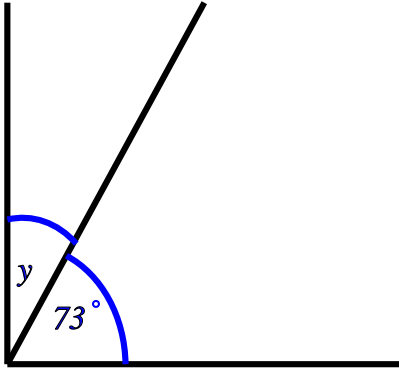
# Basic angle rules (triangles and quadrilaterals)

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

Mark / 12 %

1) Find the value of  $y$

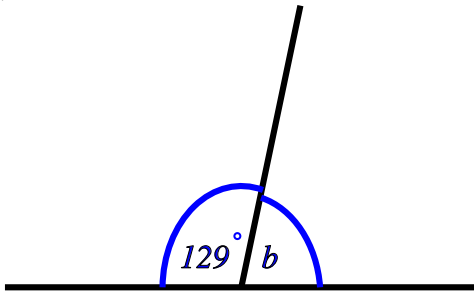
[1]



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

2) Find the value of  $b$

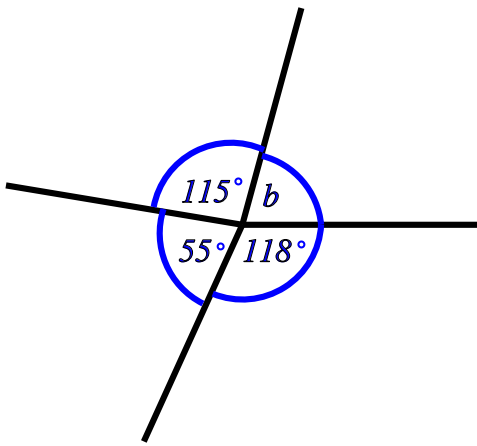
[1]



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

3) Find the value of  $b$

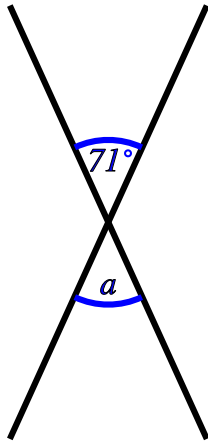
[1]



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

4) Find the value of  $a$

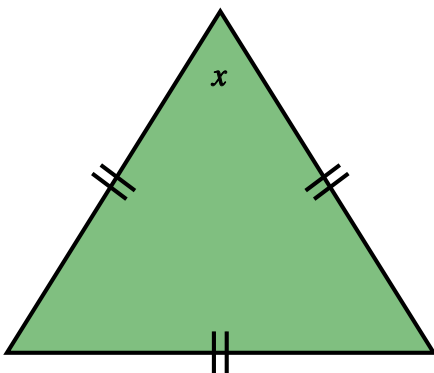
[1]



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

5) Find the value of  $x$

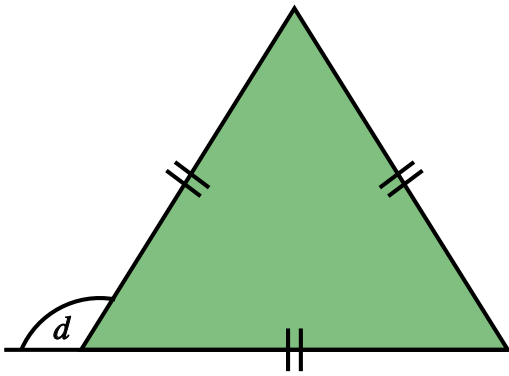
[1]



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

6) Find the value of  $d$

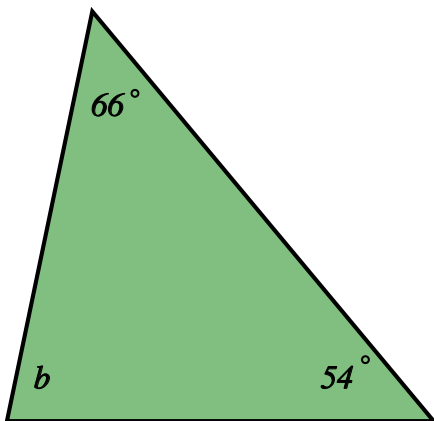
[1]



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

7) Find the value of  $b$

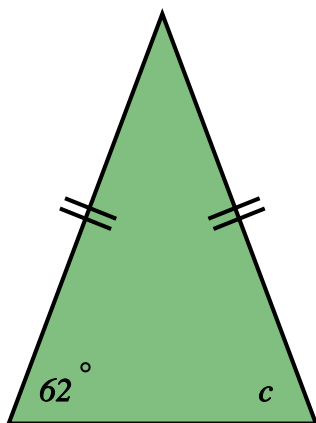
[1]



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

8) Find the value of  $c$

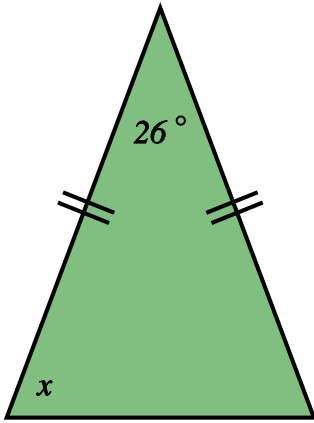
[1]



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

9) Find the value of  $x$

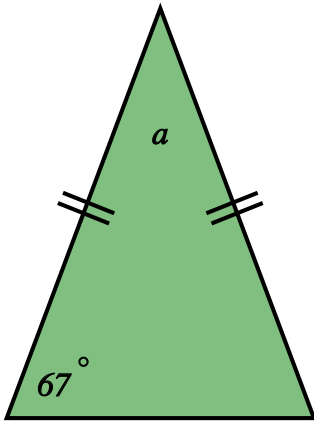
[1]



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

10) Find the value of  $a$

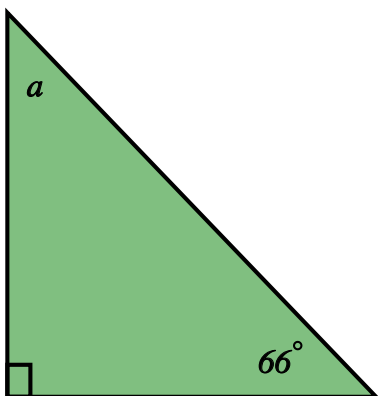
[1]



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

11) Find the value of  $a$

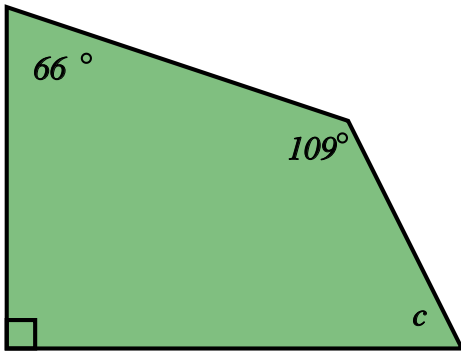
[1]



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

12) Find the value of  $c$

[1]



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

**Solutions for the assessment Basic angle rules (triangles and quadrilaterals)**

**1)**  $y = 17^\circ$

**2)**  $b = 51^\circ$

**3)**  $b = 72^\circ$

**4)**  $a = 71^\circ$

**5)**  $x = 60^\circ$

**6)**  $d = 120^\circ$

**7)**  $b = 60^\circ$

**8)**  $c = 62^\circ$

**9)**  $x = 77^\circ$

**10)**  $a = 46^\circ$

**11)**  $a = 24^\circ$

**12)**  $c = 95^\circ$