Basic Angle Rules - no reasons required

Name:	Class:	Date:

Mark	/ 18	%

1) Find the value of d [1]
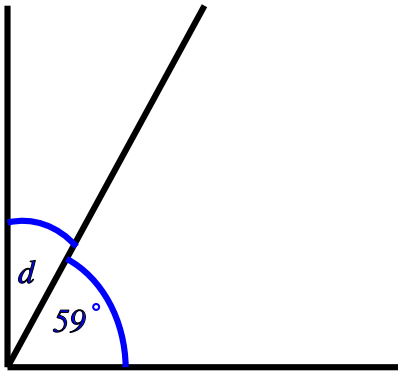
2) Find the value of d [1]

3) Find the value of x [1]

4) Find the value of x [1]
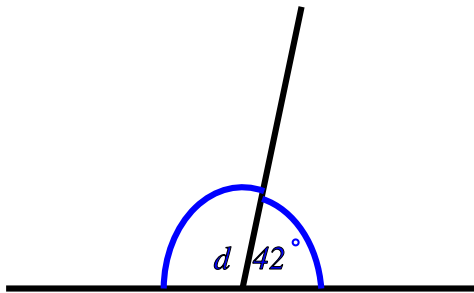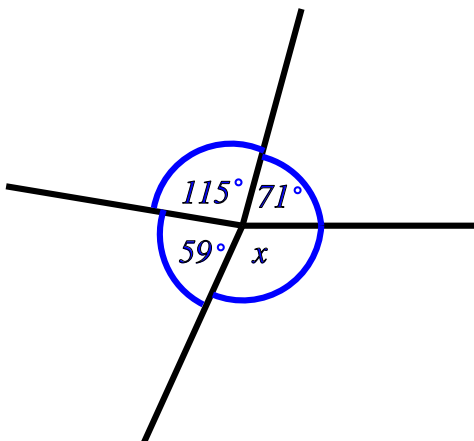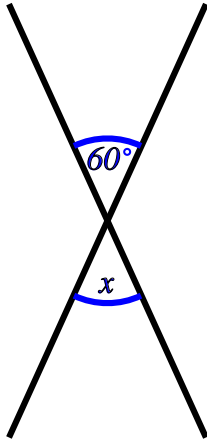

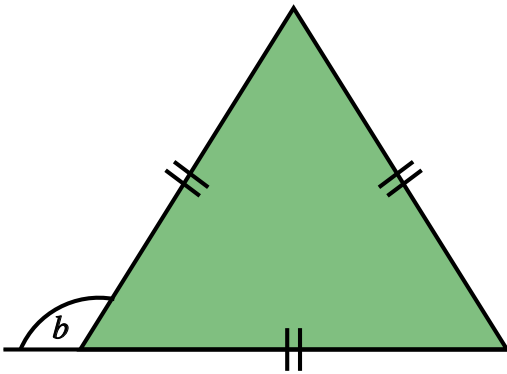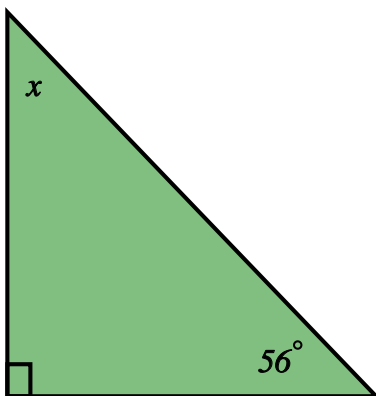**5)** Find the value of b [1]

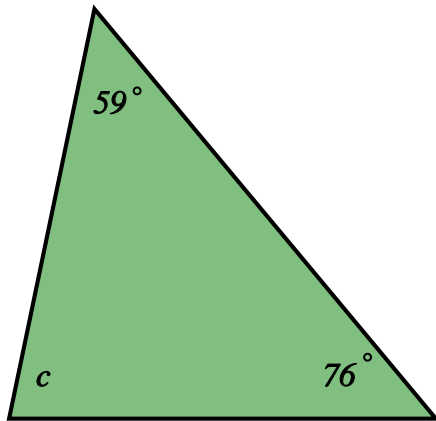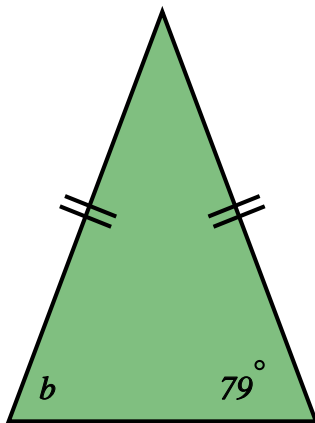**6)** Find the value of x [1]
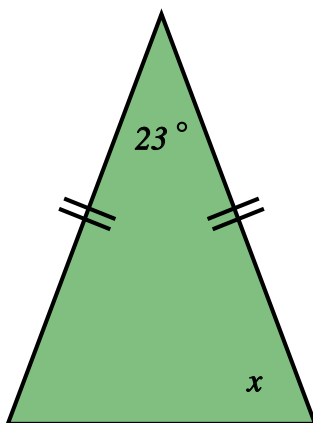
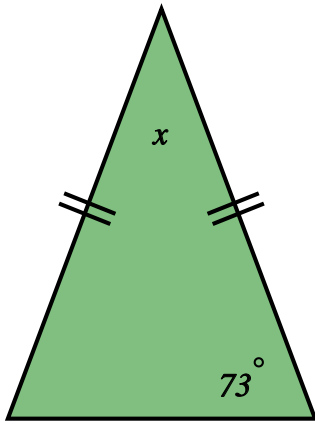**7)** Find the value of c [1]

8) Find the value of b [1]

9) Find the value of x [1]
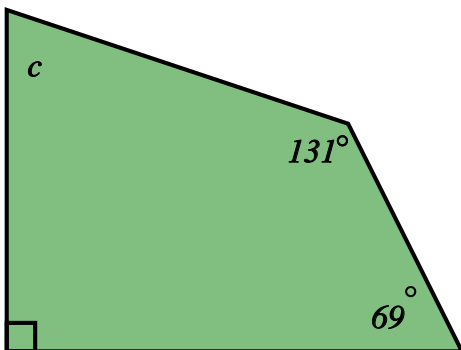
10) Find the value of x [1]

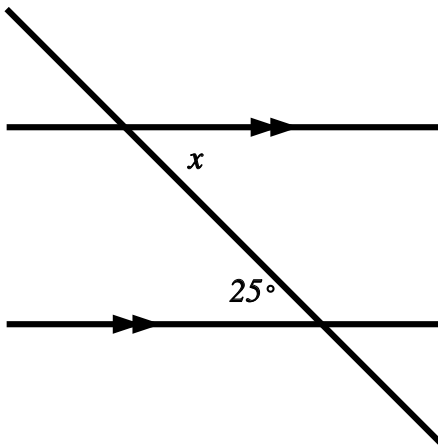**11)** Find the supplement of the following angle [1]
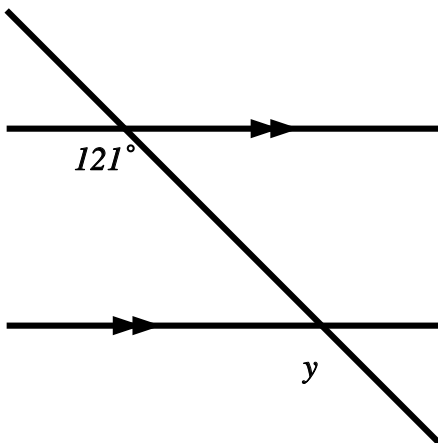
11°

12) Find the value of c [1]

13) Find the missing angle x. [1]

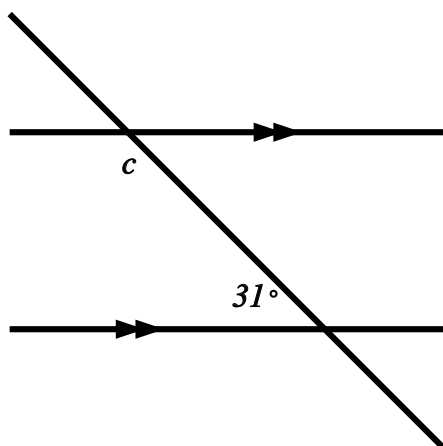**14)** Find the missing angle y. [1]
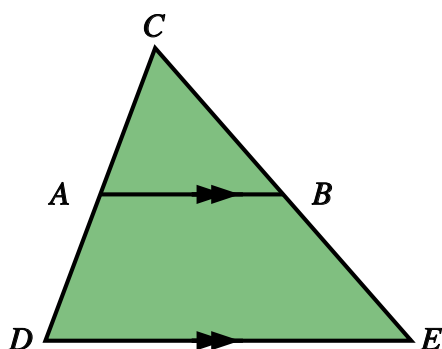
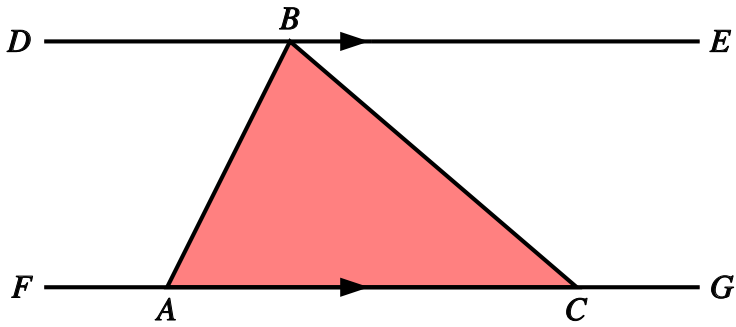**15)** Find the missing angle c.   [1]

16) In the following diagram, AB is parallel to DE. Angle ACB = 57° and angle CAB = 63°.   [1]
Find the missing angles ABE, CDE and CED.

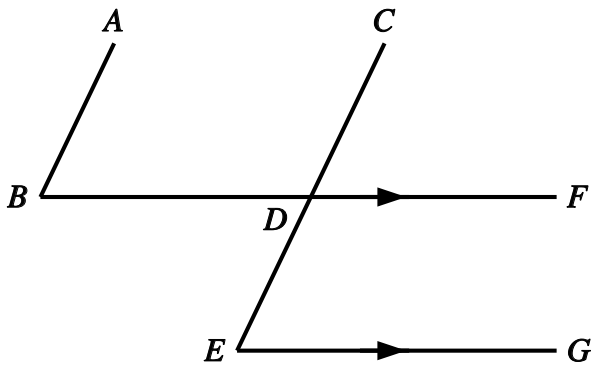**17)** In the following diagram, DE is parallel to FG. Angle ABC = 65° and angle ACB = 60°. [1]
Find the missing angles DBA, EBC and FAB.

18) In the following diagram, BDF is parallel to EG and AB is parallel to CDE. [1]
Given that angle ABD = 50°, find angle BDC and angle DEG.

Solutions for the assessment Basic Angle Rules - no reasons required

1) $d = 31°$

2) $d = 138°$

3) $x = 115°$

4) $x = 60°$

5) $b = 120°$

6) $x = 34°$

7) $c = 45°$

8) $b = 79°$

9) $x = 78.5°$

10) $x = 34°$

11) $169°$

12) $c = 70°$

13) $x = 25°$

14) $y = 121°$

15) $c = 149°$

16) angle ABE = 120°, angle CDE = 63°, angle CED = 60°

17) angle DBA = 55°, angle EBC = 60°, angle FAB = 125°

18) angle BDC = 130°, angle DEG = 50°