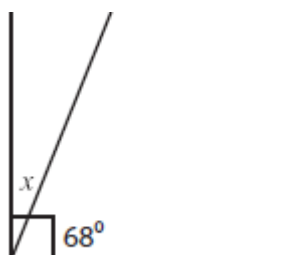# S1 Prior – Test 2 Revision
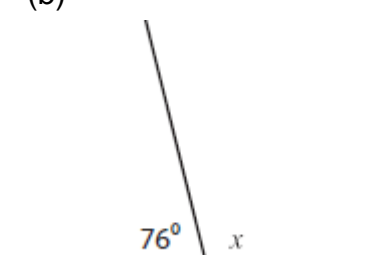
1. Angles
1. Find the size of the angle marked *x* in each diagram.
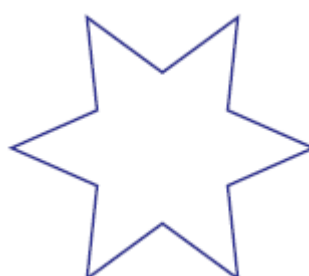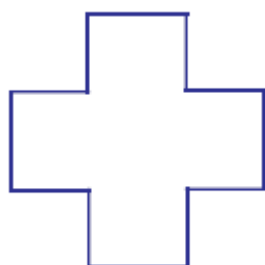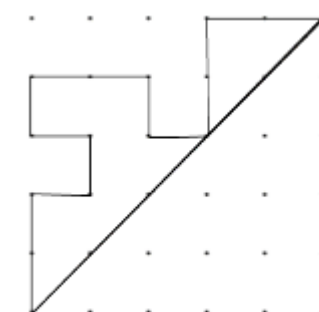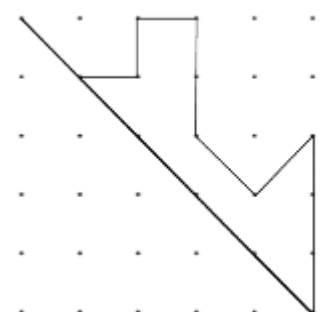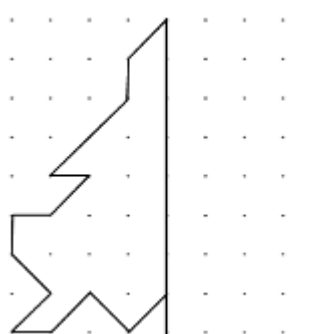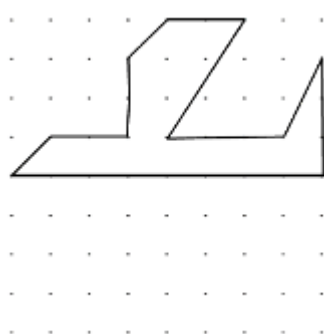
(a)

68^0

(b)

76^0 *x*

2. Symmetry
1. Draw in all the lines of symmetry in each of these shapes.

2. Complete the missing half of each shape using the axis of symmetry in each case.

3. Equations
1. Solve : (a) $x + 7 = 32$ (b) $t - 4 = 12$ (c) $3x = 24$

4. Time
1. Write these times using 24-hour notation :-
   (a) 5am   (b) 9.20 pm   (c) noon   (d) midnight

2. Write these times using 12-hour notation :-
   (a) 0640   (b) 2005   (c) 0010

3. The timetable shows the times of four buses travelling from Glasgow to London.

	Bus 1	Bus 2	Bus 3	Bus 4
Glasgow	0735	1005	1355	1615
Lockerbie	0910	1135	1530	1800
Preston	1105	1322	1722	1955
Grantham	1425	1605	2005	2242
London	1608	1810	2215	0015

(a)   How long does Bus 1 take to get from Glasgow to London?
(b)   How long does Bus 3 take to get from Lockerbie to Preston?

4. The 8.50am train from Edinburgh took 4 hours 25 minutes to travel to Manchester.
   What time did the train arrive in Manchester?

5. The 1725 bus from Glasgow takes 3 hours 45 minutes to reach Aberdeen.
   What time should the bus arrive in Aberdeen?

ANSWERS

1. Angles
1. (a) 22° (b) 104°

2. Symmetry
1. Ask your teacher to check your drawings

3. Equations
1. (a) $x = 25$ (b) $t = 16$ (c) $x = 8$

4. Time
1. (a) 0500   (b) 2120   (c) 1200   (d) 0000
2. (a) 6.40am   (b) 8.05pm   (c) 12.10am
3. (a) 8 hours 33 minutes   (b) 1 hour 52 minutes
4. 1.15pm
5. 1910