1a.

Go straight forward.

Make a  $\frac{1}{4}$  turn clockwise.

Move straight forward.

Make a  $\frac{1}{4}$  turn clockwise.

Move straight forward.

Make a  $\frac{3}{4}$  turn anticlockwise.

Go straight forward.

Make a  $\frac{1}{4}$  turn clockwise.

Move straight forward.

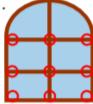
Make a  $\frac{1}{4}$  quarter turn anti-clockwise.

Move straight forward.

Make a  $\frac{1}{4}$  turn clockwise.

- 1b. Yes the instruction could be written differently because a quarter turn clockwise is the same as a three quarter turn anti-clockwise.
- 1c. 2 lines which are joined and follow the instructions given and finish at the town hall are correct.
- 2a. 36 right angles

2b.



NOTE: the curvature of the top of the shape prevents the top of the window having angles.

A = acute

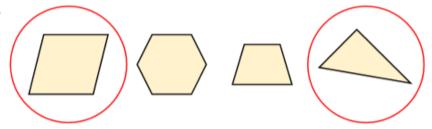
3a. B = obtuse

C = acute

D = obtuse

- 3b. Yes, there is a right angle on the cycle track on the top left hand corner.
- 4a. No, Jamie is not correct. There are 4 horizontal lines and 3 vertical lines.

4b.



5a. No, the lines are not parallel. If the lines continued in the same way, they would eventually meet.