

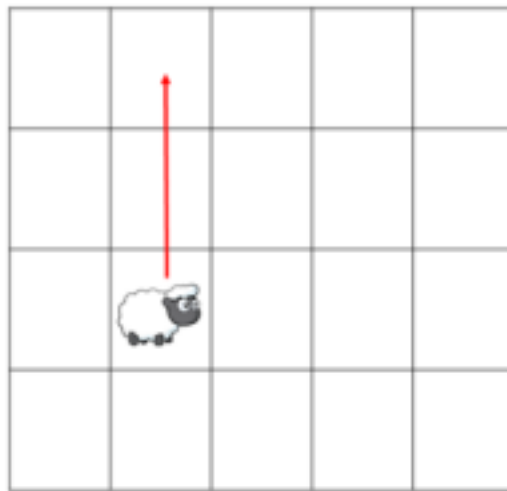
Position and Direction Challenges

1.



Amir

The sheep has moved 2 squares forward.

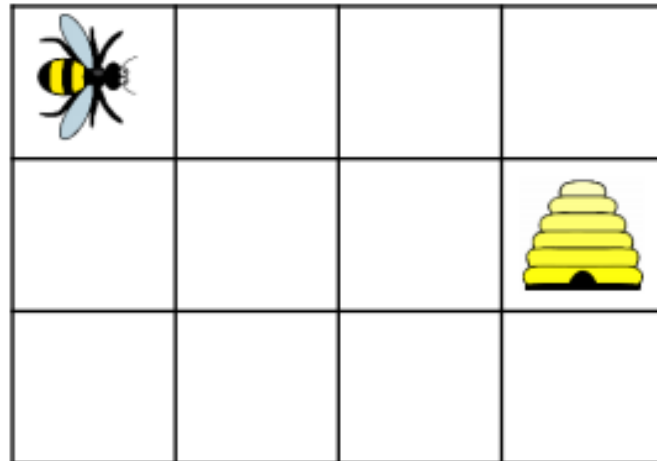


Is Amir correct?
Explain your reasoning.

2.

How many different routes can you write for the bee to get to the hive?

Use the words forwards, backwards, left and right.



3.

Look at the number shape below:



How could the number shape have turned?

Describe all possibilities.

4.

Always, Sometimes, Never

If two objects turn in different directions they will not be facing the same way.

5.

Is Whitney correct?



A quarter turn clockwise is the same as a three-quarter turn anticlockwise.

Convince me.

6.

How many different patterns can you create using this shape?



7.



Eva

The rule is turn the shape a quarter turn.

The rule is turn the shape three quarters.



Rosie

Who is correct?

8.

Spot the mistake in each pattern.
Explain why they are incorrect.

