

Position and Direction Challenges Answers

1.

Amir is incorrect.
The sheep has
moved 2 squares
to the left because
of the way it was
facing to begin
with.

2.

Possible answers:
Forward 3, Right 1.

Right 1, Forward 3.

Right 2, Forward 3,
Left 1.

Right 1, Forward 3.

Right 2, Forward 2,
Left 1, Forward 1.

There are more
routes for the
children to find.

3.

Possible answers:
No turn
Quarter/half/
three-quarter or
full turn clockwise.

Quarter/half/
three-quarter or
full turn
anticlockwise.

4.

Sometimes.
It depends on how
far the objects are
turned – quarter,
half, three quarters
or full.

5.

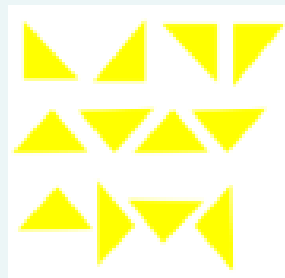
Possible answer:
Whitney is correct.

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

Children may use
objects/small
people to show
their reasoning.

6.

Possible answers:



7.

Eva and Rosie could both be correct as no direction is given. Eva may be turning clockwise and Rosie anticlockwise.

8.

The 4th shape should be pointing right.



Or the 8th shape should be pointing left.



The 5th shape has not made half a turn.

