Varied Fluency
Step 2: Describing Turns

National Curriculum Objectives:

Mathematics Year 2: (2P2) Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)

Mathematics Year 2: (2P1) Order and arrange combinations of mathematical objects in patterns and sequences

Differentiation:

Developing Questions to support drawing shapes after a turn and identifying quarter and half turns, either clockwise or anti-clockwise.

Expected Questions to support describing turns and identifying quarter, half, three quarter and whole turns, either clockwise or anti-clockwise.

Greater Depth Questions to support drawing shapes after turns and describing and identifying quarter, half, three quarter and whole turns, both clockwise and anti-clockwise in multi-step problems.

More Year 2 Position and Direction resources.

Did you like this resource? Don't forget to review it on our website.

Describing Turns

Describing Turns

1a. Draw what the shape would look like after a half turn anti-clockwise.

D · VF
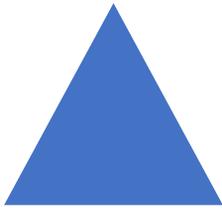
1b. Draw what the shape would look like after a half turn clockwise.

D · VF

2a. Draw what the shape would look like after a quarter turn clockwise.

D · VF

2b. Draw what the shape would look like after a quarter turn anti-clockwise.

D · VF

3a. Which shape would the arrow be pointing at after a quarter turn anti-clockwise?
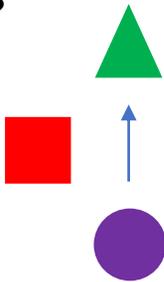
D · VF

3b. Which shape would the arrow be pointing at after a quarter turn clockwise?
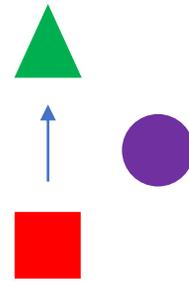
D · VF

4a. Which shape would the arrow be pointing at after a half turn clockwise?
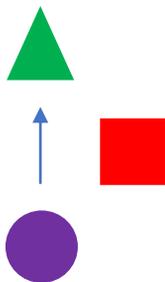
D · VF

4b. Which shape would the arrow be pointing at after a half turn anti-clockwise?

D · VF
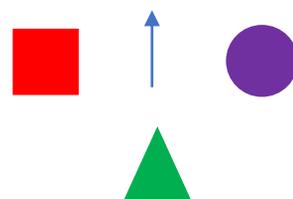
Describing Turns

5a. Describe how the triangle has moved.

This triangle has made a _____ turn.

E · VF

Describing Turns

5b. Describe how the triangle has moved.

This triangle has made a _____ turn.

E · VF

6a. True or false?

The frog has made a quarter turn anti-clockwise.
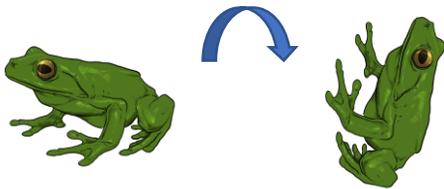
E · VF

6b. True or false?

The frog has made a whole turn clockwise.
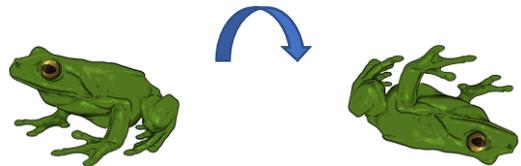
E · VF

7a. The triangle makes a whole turn clockwise. Which one is it now?

a   b   c
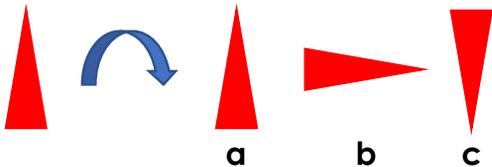
E · VF

7b. The triangle makes a half turn anti-clockwise. Which one is it now?

a   b   c
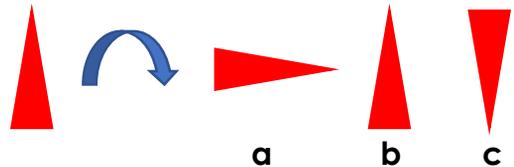
E · VF

8a. True or false?

The shape could have made a three quarter turn to get to its new position.
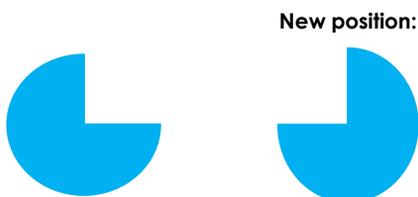
New position:

E · VF

8b. True or false?

The shape could have made a three quarter turn to get to its new position.

New position:

E · VF

Varied Fluency – Describing Turns – Year 2 Expected
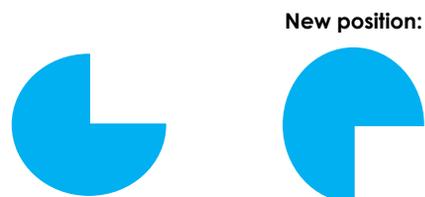
Describing Turns

9a. Describe how the triangle has moved.

This triangle has made a _____ turn _____.

GD · VF

9b. Describe how the triangle has moved.

This triangle has made a _____ turn _____.

GD · VF

10a. True or false?

The shape could have made a whole turn clockwise then a quarter turn anti-clockwise to get to its new position.

New position:

GD · VF

10b. True or false?

The shape could have made a three quarter turn clockwise then a whole turn anti-clockwise to get to its new position.

New position:

GD · VF

11a. Draw what this shape would look like after a quarter turn clockwise then a half turn anti-clockwise.
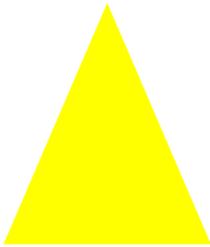
GD · VF

11b. Draw what this shape would look like after a quarter turn clockwise then a three quarter turn anti-clockwise.
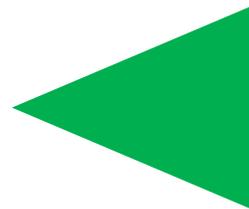
GD · VF

12a. Draw what these shapes would look like after a quarter turn anti-clockwise then a three quarter turn clockwise.

GD · VF

12b. Draw what these shapes would look like after a quarter turn anti-clockwise then a half turn clockwise.

GD · VF

classroomsecrets.co.uk
Varied Fluency – Describing Turns – Year 2 Greater Depth

Varied Fluency
Describing Turns

Developing
1a.

2a.

3a. Square
4a. Circle

Expected
5a. quarter
6a. False, it has made a quarter turn clockwise.
7a. a
8a. True

Greater Depth
9a. quarter, anti-clockwise
10a. True
11a.

12a.

Varied Fluency
Describing Turns

Developing
1b.

2b.
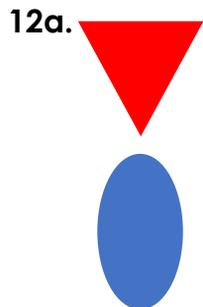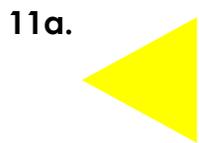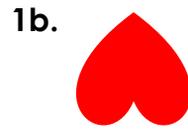
3b. Circle
4b. Triangle

Expected
5b. half
6b. False, it has made a half turn clockwise.
7b. c
8b. True

Greater Depth
9b. quarter, clockwise
10b. False, it has made a quarter turn clockwise or a three quarter turn anti-clockwise.
11b.

12b.

classroomsecrets.co.uk
Varied Fluency – Describing Turns ANSWERS