



KS1.M38 Position, Direction and Turns

STA NC-KS1-MATHS-STA · Calculators not allowed · about 30 minutes

Name: _____ Date: ____ / ____ / ____

Answer ALL questions. Show all your working.

- 1** A toy car sits on a table. The table has a window on its north side, and the car faces straight at the window. Which direction is the car facing? (north, south, east or west)

(1)

- 2** A cat is on a square mat. The cat is at the top left corner. Write where the cat is. (top left, top right, bottom left or bottom right)

(1)

- 3** A child stands facing east. They turn 90 degrees to their right. Which way are they facing now? (north, south, east or west)

(1)

- 4** A robot faces north. It turns 180 degrees. Which way is it facing now?

(1)

- 5** A toy robot faces west. It turns 90 degrees anticlockwise. Which way is it facing now?

(1)

- 6** A girl is on a grid. She is in the middle square. She moves one square forward and one square right. Where is she now? (top left, top right, bottom left or bottom right)

(1)

- 7** A toy train faces north. It makes a three quarter turn clockwise. Which way does it face now?

(1)

- 8** A puppet faces south. It turns a quarter turn anticlockwise. Which way does it face now?

(1)

- 9** On a clock face, from 12 to 3 is a quarter turn. From 3 to 9 is how many quarter turns?

(1)

- 10** A fox faces east. It turns half a turn. Which way is it now facing?

(1)

- 11** An arrow points to the right. Draw an arrow that points the opposite way. (Write left)



(1)

- 12** On a grid of four boxes in a square, a teddy is in the bottom right. Move the teddy two steps: first one step up, then one step left. Where is it now? (top left, top right, bottom left or bottom right)



(1)

- 13** A boy stands facing south. He turns right then right again. Which way is he facing now?



(1)

- 14** A bird faces west. It turns a quarter turn clockwise twice. Which way does it face now?



(1)

- 15** A child is on a board game square. They move forward 3, then back 1. How many squares have they moved from the start? (use a number)



(1)

- 16** A squirrel faces north. It turns a three quarter turn anticlockwise. Which way does it face now?

(1)

- 17** On a 3 by 3 number grid the frog starts in the middle square. It moves one square left then one square up. Where is it now? (top left, top centre, top right, middle left, middle centre, middle right, bottom left, bottom centre, bottom right)

(1)

- 18** One quarter turn is a turn of 90 degrees. A full turn is 360 degrees. How many quarter turns make one full turn?

(1)

Mark scheme · KS1.M38 Position, Direction and Turns

Question 1

- **B1** north cao
- Answer: **north**

Question 2

- **B1** top left cao
- Answer: **top left**

Question 3

- **B1** south cao
- Answer: **south**

Question 4

- **B1** south cao
- Answer: **south**

Question 5

- **B1** south cao
- Answer: **south**

Question 6

- **B1** top right cao
- Answer: **top right**

Question 7

- **B1** east cao
- Answer: **east**

Question 8

- **B1** east cao
- Answer: **east**

Question 9

- **B1** 2 cao
- Answer: **2**

Question 10

- **B1** west cao
- Answer: **west**

Question 11

- **B1** left cao
- Answer: **left**

Question 12

- **B1** top left cao
- Answer: **top left**

Question 13

- **B1** north cao
- Answer: **north**

Question 14

- **B1** east cao
- Answer: **east**

Question 15

- **B1** 2 cao
- Answer: **2**

Question 16

- **B1** east cao
- Answer: **east**

Question 17

- **B1** top left cao
- Answer: **top left**

Question 18

- **B1** 4 cao
- Answer: **4**