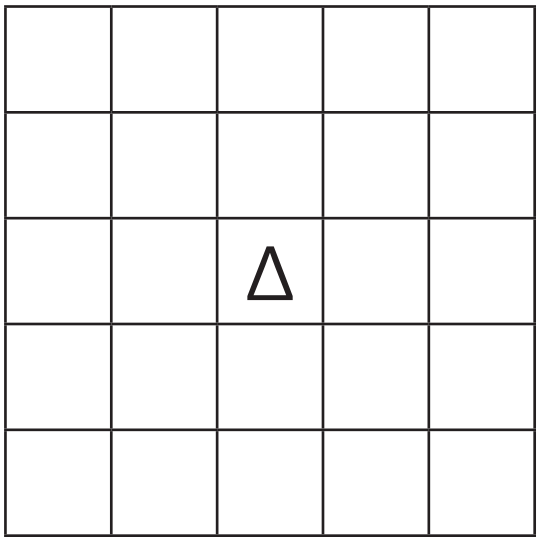
Name: _____ Date: _____

Position and direction

1 Look at the Δ on the grid.



a) Draw a × in the square that is 1 square to left of the Δ.

b) Draw a □ in the square that is 1 square up and 2 squares to the left of the Δ.

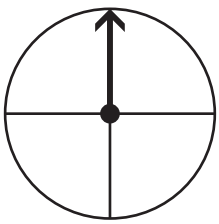
c) Draw ▮ in the square that is 1 square to the right and 1 square down from the Δ.

d) Draw a ○ in the square that is 2 squares down from the Δ.

e) Draw a ◇ in the square that is 2 squares up and 2 squares from the right of the Δ.

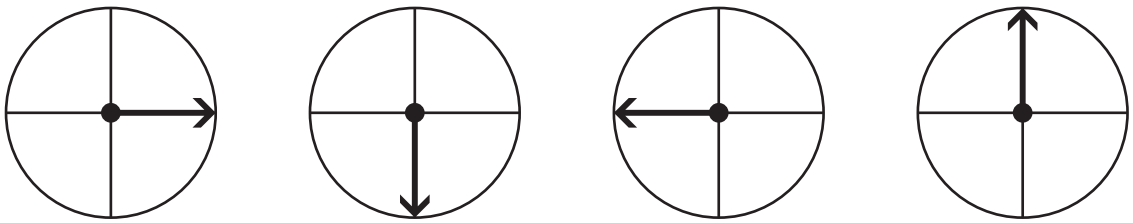
1
5 marks

2 Each of the four dials below started in this position.



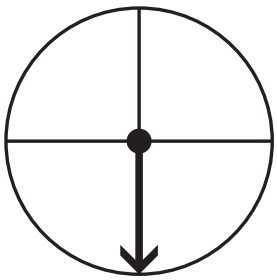
a) Draw a cross (✗) on the dial that shows the position of the arrow after a $\frac{1}{4}$ turn to the left.

b) Draw a tick (✓) on the dial that shows the position of the arrow after a $\frac{3}{4}$ turn to the left.

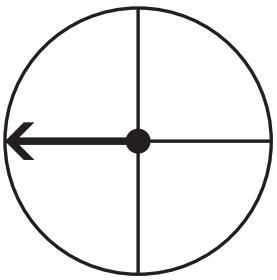


2
2 marks

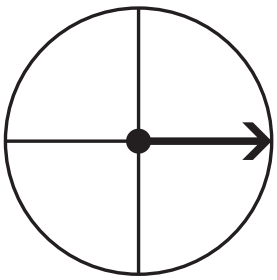
3 **a)** Draw the arrow after 1 right angle turn in a clockwise direction.



b) Draw the arrow after 2 right angle turns.



c) Draw the arrow after 3 right turns in a clockwise direction.



3
3 marks

- 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)

Total: ____ out of 10 Mastery: NYA A A&E