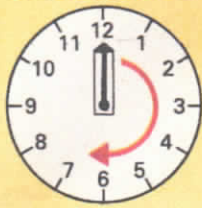
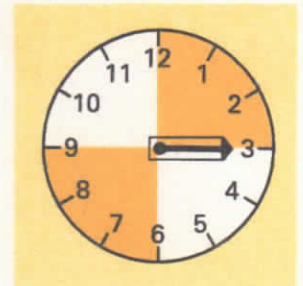


# Turning

Turning this way is  
**CLOCKWISE**



Turning this way is  
**ANTI-CLOCKWISE**



**W**

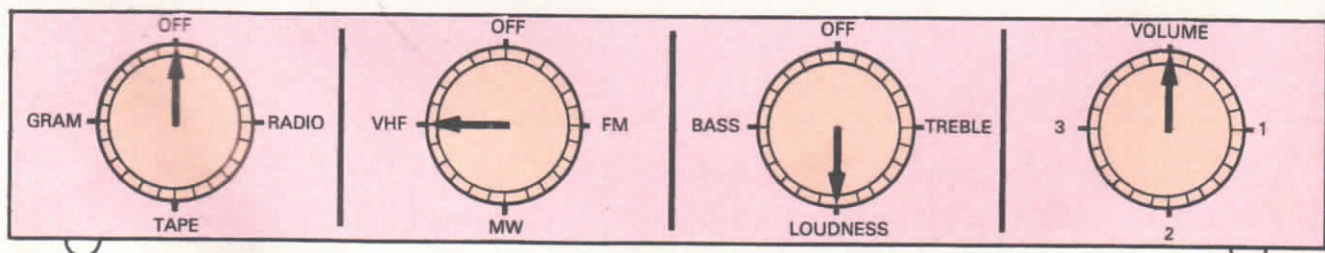
- 1 Cut out the clock and its hand from **Workbook Page 24**. Stick them on a piece of cardboard. Fix the hand to the clock with a paper fastener.
- 2 Set the hand of your clock at 12. Turn it clockwise to point to 3. The hand has turned through 1 right angle clockwise.
- 3 Use the clock to help you. Write the **number** the hand points to after each turn.

	Start at	Turn	Direction
(a)	12	2 right angles	clockwise
(b)	12	3 right angles	clockwise
(c)	12	4 right angles	clockwise
(d)	12	1 right angle	anti-clockwise
(e)	12	3 right angles	anti-clockwise

	Start at	Turn	Direction
(f)	6	1 right angle	clockwise
(g)	3	2 right angles	clockwise
(h)	9	3 right angles	anti-clockwise
(i)	6	4 right angles	anti-clockwise
(j)	3	3 right angles	clockwise

- 4 What is the **number of right angles** for a turn from
  - (a) 6 to 9 clockwise,
  - (b) 6 to 9 anti-clockwise,
  - (c) 3 to 9 anti-clockwise,
  - (d) 3 to 9 clockwise,
  - (e) 3 back to 3 clockwise,
  - (f) 9 to 12 anti-clockwise?

- 5 Write what the arrow will point to after each knob is turned.
  - (a) 3 right angles clockwise
  - (b) 2 right angles anti-clockwise
  - (c) 3 right angles anti-clockwise
  - (d) 1 right angle anti-clockwise



- 6 The swing door is seen from above in this drawing. Make drawings to show the door after turning **from this position** through
  - (a) 1 right angle anti-clockwise,
  - (b) 4 right angles clockwise,
  - (c) 3 right angles anti-clockwise.



Use tracing paper if you wish.

