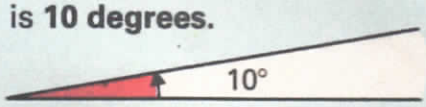
Degrees

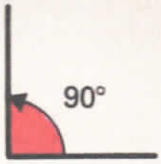
Angles are often measured in units called **degrees.**
One degree is a very small turn.

This angle is **1 degree.**
We write this as **1°.**

This amount of turning
is **10 degrees.**

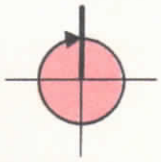


1 A right angle is 90 degrees. Copy and complete:



Right angles	1	2	3	4
Degrees	90°			

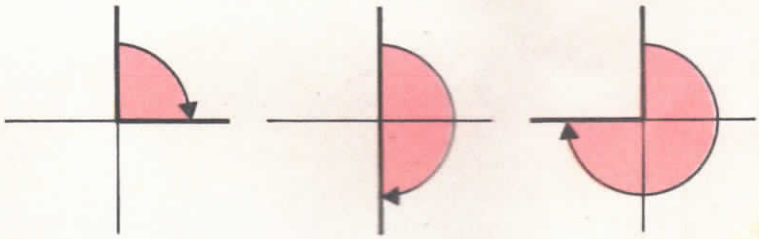
2 The drawing shows a turning through 4 right angles. This angle has many names.
Draw an angle like this and copy the list of names beside your drawing.



a complete rotation
a revolution
one full turn
4 right angles
360°

3 Draw angles like these. Choose names from the list and write them under the correct drawings.

$\frac{1}{4}$ turn 270° 2 right angles
$\frac{3}{4}$ turn 90° 3 right angles
$\frac{1}{2}$ turn 180° 1 right angle
a straight angle



Use your cardboard clock to help you answer questions 4 and 5.

4 Write the number of **right angles** and the number of **degrees** for each rotation from

(a) 12 to 9 clockwise, **(b)** 6 to 3 anti-clockwise, **(c)** 3 to 9 clockwise,
(d) 6 to 12 clockwise, **(e)** 12 to 9 anti-clockwise, **(f)** 8 to 5 clockwise,
(g) 2 to 8 clockwise, **(h)** 11 to 2 anti-clockwise, **(i)** 4 to 10 anti-clockwise.

5 Write the number the hand points to after each turn:

	Start at	Turn
(a)	9	360° clockwise
(b)	3	90° clockwise
(c)	6	270° anti-clockwise

	Start at	Turn
(d)	1	180° anti-clockwise
(e)	5	90° clockwise
(f)	10	270° anti-clockwise