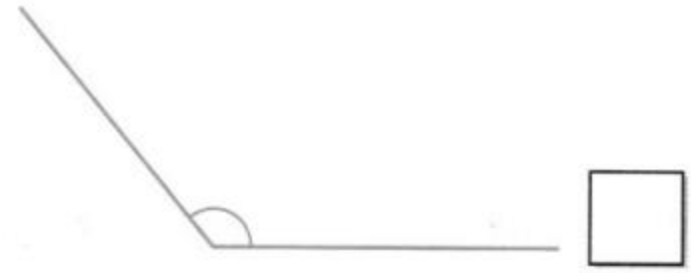
Grade 5 Maths Shapes and Angles Worksheets

1. Fill in the blanks.
(a) Right angle = …… degrees.
(b) An obtuse angle is more than a ……. angle.
(c) 2 × Right angle = …… degrees.

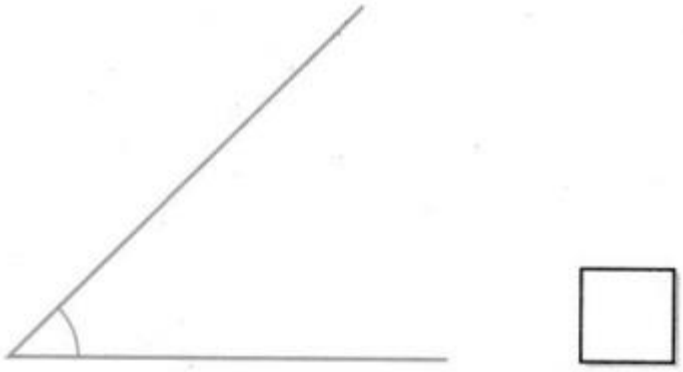
2. What measure (in degrees) should be added to the following to make them a right angle?
(a) 34° ……..
(b) 16° ……
(c) 19° …….
(d) 28° ……
(e) 78° ……
(f) 38° ……
(g) 84° ……..
(h) 90° ……

3. Measure the following angles:
(a)



(b)

(c)



(d)

4. What kind of angle (acute, obtuse, right) is made by the hands of these clocks. Also write the time.

(a)

Angle ☐

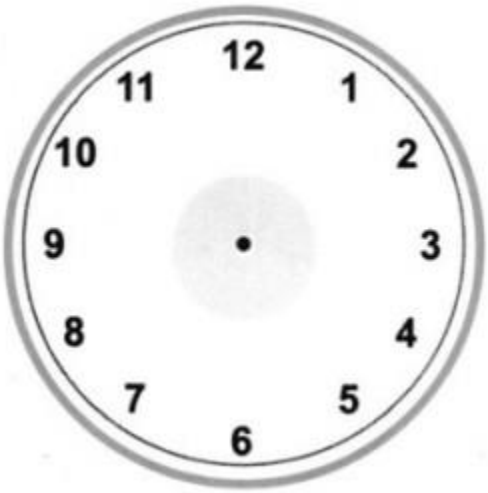
Time ☐

(b)

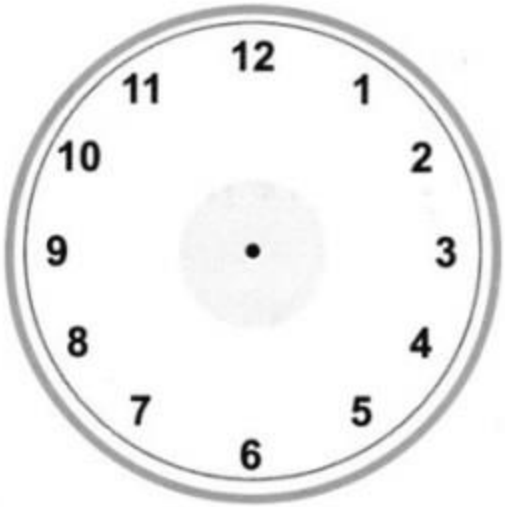
Angle ☐
Time ☐
(c)

Angle ☐
Time ☐

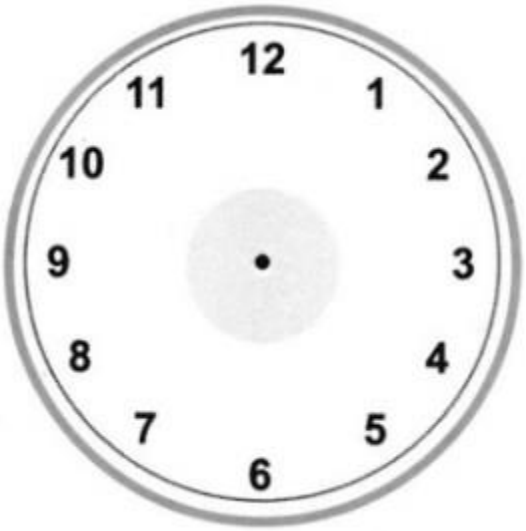
5. Draw the hands of the clock when they make an angle greater than a right angle.
(a)



(b)



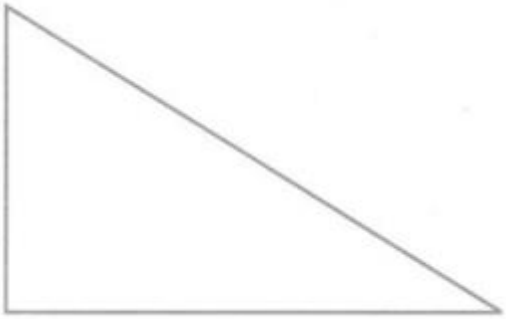
(c)



6. Identify the following angles as acute, obtuse or right angles:
(a) 3 degrees — ……
(b) 12 degrees — ……..
(c) 72 degrees — ……..
(d) 165 degrees — ……
(e) 90 degrees — ……
(f) 60 degrees — ……
(g) 61 degrees — ……..
(h) 91 degrees — ……
(i) 89 degrees — ……..
(j) 179 degrees — ……

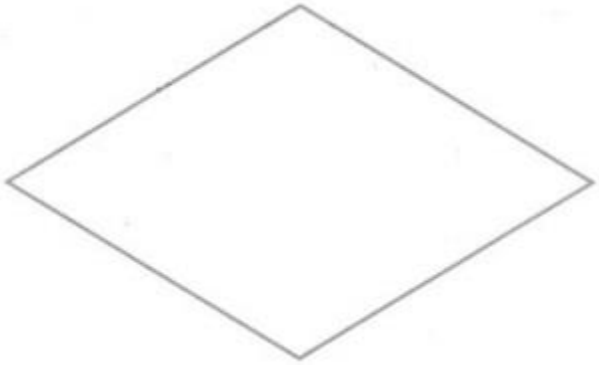
7. Count the number of angles and write them in the space given.

(a) ……



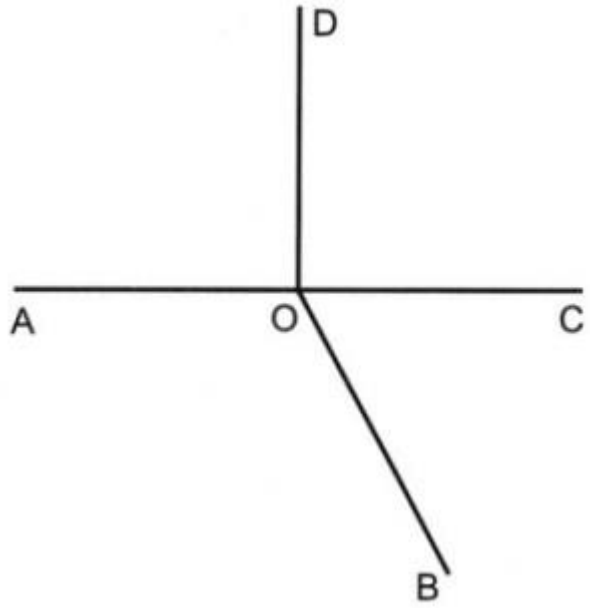
(b) ……

(c) ……..



(d) …….

8. Observe the figure and answer the questions:
(a) Name the common vertex. …….
(b) Name the right angle. …….
(b) Name the angle less than right angle. ……
(c) Name the angle more than right angle. …….
(d) Name the arms of angle AOB. ……



9. Raghu draws an angle measuring 140 degrees. He now divides this angle into 2 equal parts.What is the measure of each of the smaller angles?

10. Seema draws a right angle. She divides this into 3 equal parts. What is the measure of each part? What kind of angle is this?