



CBSE Class 5 Mathematics

NCERT Solutions

CHAPTER-2

SHAPES AND ANGLES

(1) Look at the shape and the answer.



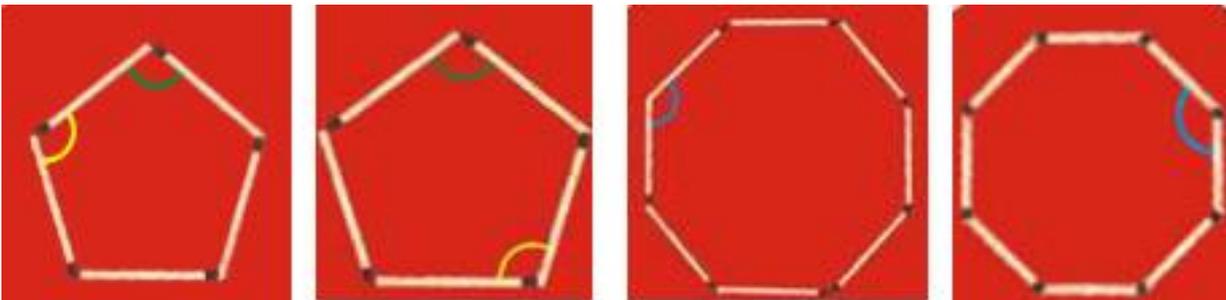
The angle marked in _____ colour is the biggest angle.

Ans. The angle marked in black colour is the biggest angle.

2 (a) Are the angles marked with yellow equal? _____

(b) Are the angles marked with green equal? _____

(c) Are the angles marked with blue equal? _____

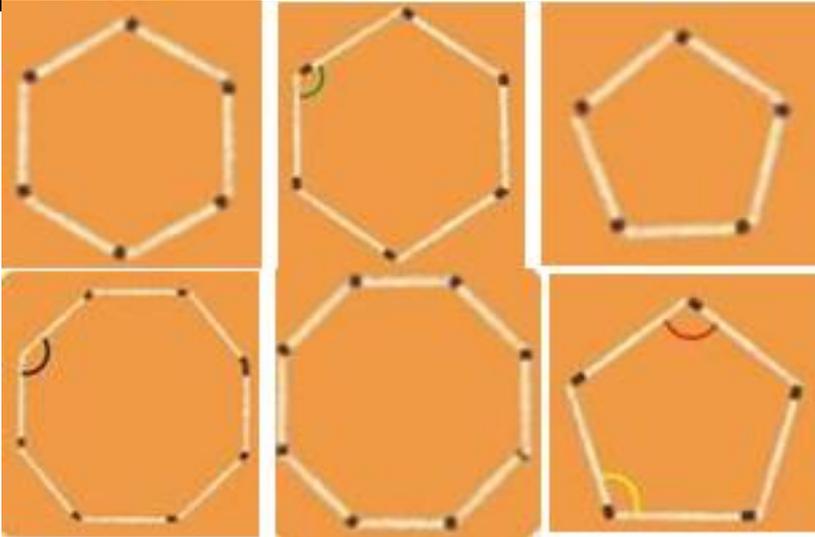


Ans. (a) Yes, the angles marked with yellow are equal.

(b) Yes, the angles marked with green are equal.

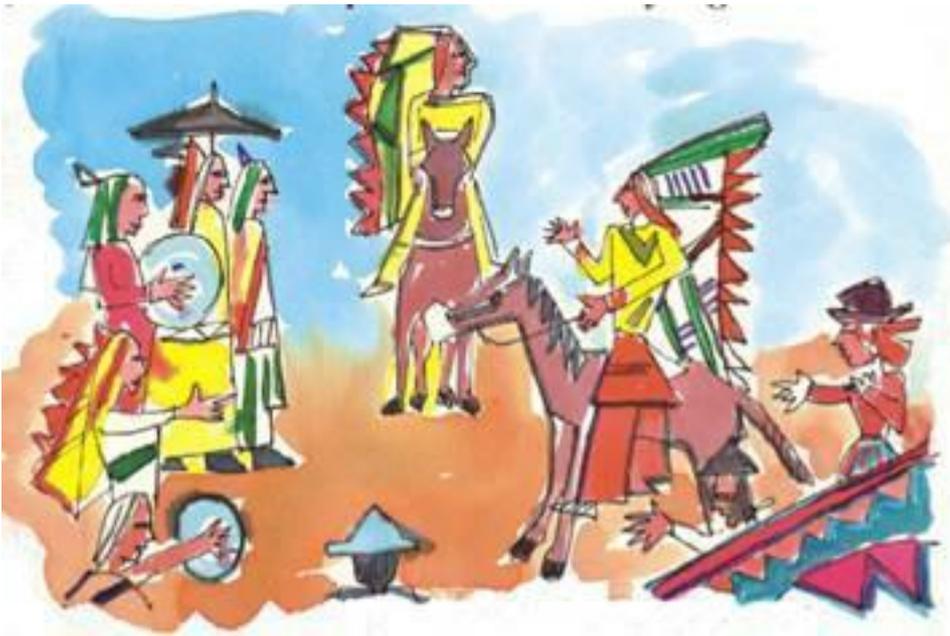
(c) Yes, the angles marked with blue are equal.

3. Four different angles are marked in four colours. Can you find other angles which are the same as the one marked in red? Mark them in red. Do this for the other colours.



Ans. Yes, the marked in yellow is the same as the red one. Other angles which are the same as the one marked in red are marked red in the figure.

4. Sukhman made this picture with so many angles.



Use colour pencils to mark

- 1. Right angles with black colour.**
- 2. Angles which are more than a right angle with green.**
- 3. Angles which are less than a right angle with blue.**

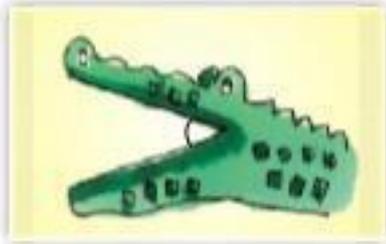
Ans. (1) In the above figures right angles are marked with letter 'R'.

(2) Angles which are more than a right angle are marked with letter 'M'.

(3) Angles which are less than a right angle marked with letter 'L'.

5. Draw anything of your choice around the angle shown. Also write what kind of angle it is.

The first one is done.



Less than a right angle

Ans.



A right angle



A right angle



More than a right angle

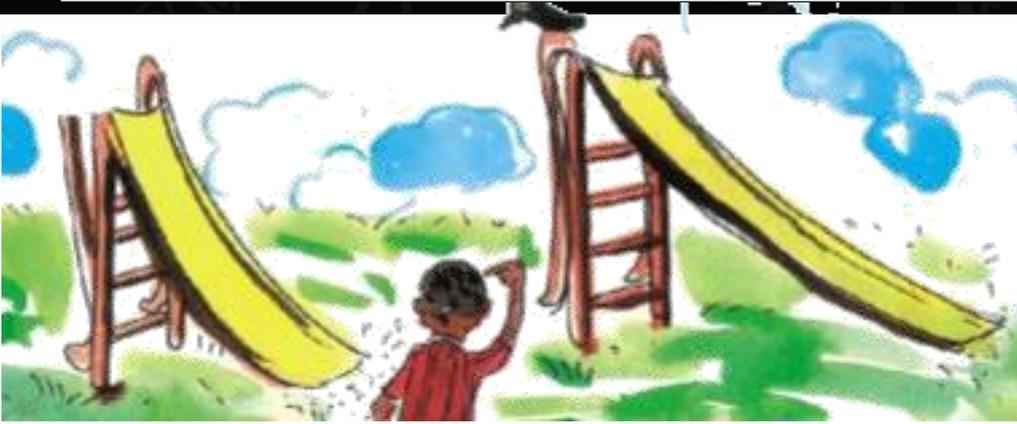


Less than a right angle



Less than a right angle

6.



These are two slide in a park.

1. Which slide has a larger angle?
2. Which slide do you think is safer for the little boy? Why?

Ans. (1) The slide on the left side has a larger angle.

(2) The slide on the right side is safer for the little boy because of its smaller angle.

7. Write what kind of angle is made by the hands at these times. Also write the time.



Ans. Let these watches be marked as (a), (b), (c), (d) and (e) as shown above. The time given in the following table.

Clock	Angles made by the hands	Time
(a)	Less than a right angle	25 minutes past 7
(b)	More than a right angle	Quarter past 8
(c)	More than a right angle	10 minutes past 9
(d)	More than a right angle	25 minutes past 9
(e)	Less than a right angle	10'o clock