



STANDARD 5TH: CHAPTER 6

Angles – Lines – Circle – Quadilateral

Q.1 If supplementary of angle is 4 times its complementary. Find angle.

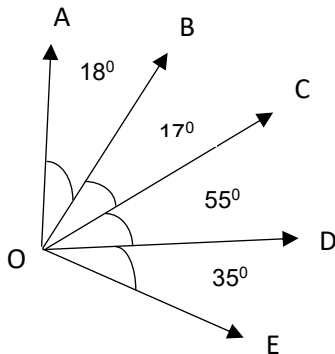
Q.2 Classify following angles

- a) 73° b) 125° c) 18° d) 90° e) 94° f) 272°

Q.3 How many diagonals a heptagon has?

Q.4 Radius of circle = 6 cm Find length of Longest chord.

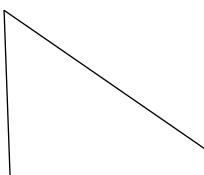
Q.5 Find all acute, right, obtuse \angle s



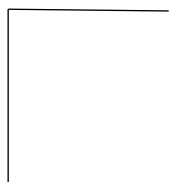
Q.6 Which type of angle is formed between hour hand & minute hand at 4 0'clock)

Q.7 Which of the following fig. has obtuse angle?

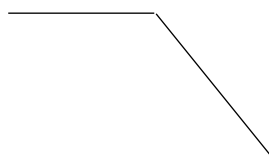
(a)



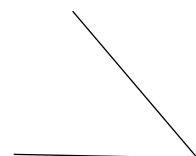
(b)



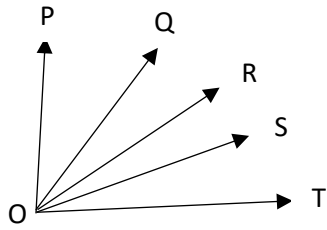
(c)



(d)



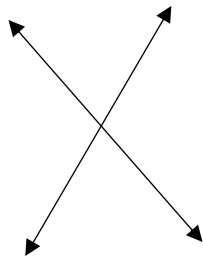
Q.8 How many angle use in given figure?



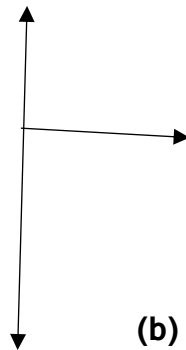
POQ, POR, POS, POT, QOR, QOS, QOT, ROS, ROT, SOT

Q.9 What's angle made between stretched thumb & indea finger?

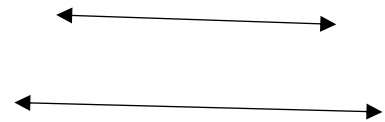
Q.10 In which of given fig. Lines are perpendicular?



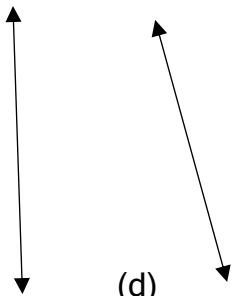
(a)



(b)



(c)



(d)

Q.11 In which of following english letters do you find perpendicular lines?

- a) U b) V c) T d) B

Q.12 In which of following pairs of letters do you see parallel lines.

- a) E, F b) A, V c) C, D d) B, I

Q.13 In which of following cases do you find parallel lines.

- a) big quadrilateral drawn on field b) blades of a fan
c) sprouting of 2 branches d) opposite edges of rectangle

Q.14 Which of the following unit are of perpendicular lines?

- a) railway line
b) electric pole & road
c) min hand & hr hand at 9 O'clock
d) table surface & leg of table

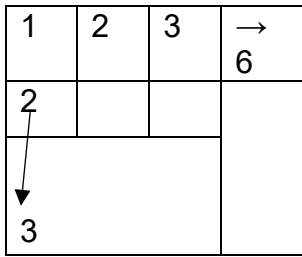
Q.15 The adjacent sides of a rectangle.

- a) are parallel to each other
b) are perpendicular
c) intersect each other at acute angle
d) intersect each other at obtuse angle

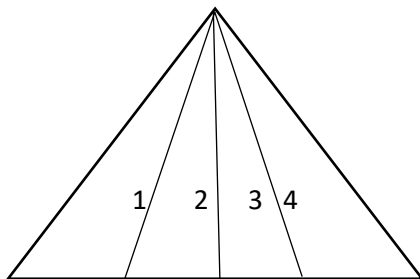
Q.16 2 Parallel lines _____ each other

- a) intersect b) after extending, intersect
c) never intersect d) are perpendicular to

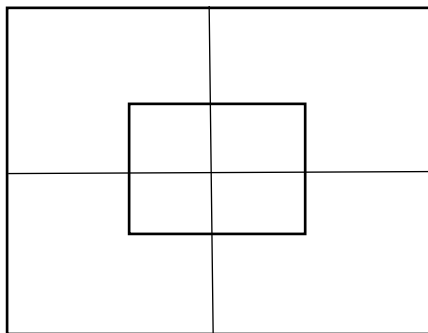
Q.17 Find no. of rectangles in fig.



Q.18 Find no. of triangles in fig.



Q. 19 Find no. of squares in given figure.



5 in smaller square & 5 in bigger square.

Q. 20 Side of equilateral triangle is 10 cm. A square of perimeter same as that of triangle is drawn. What will be side of that square?