

**AIR FORCE SCHOOL BAGDOGRA**  
**WORKSHEET- 5 (SHAPES AND ANGLES)**

**Q1. Fill in the blanks:**

- a) A right angle measures \_\_\_\_\_.
- b) An \_\_\_\_\_ angle is less than  $90^{\circ}$ .
- c) A \_\_\_\_\_ angle measures equal to two right angles.
- d) A straight angle always measures \_\_\_\_\_.
- e) When I stretch all the five fingers of my hand to full, my fingers make four \_\_\_\_\_ angles.
- f) If I stand erect, barefeet , my foot makes a \_\_\_\_\_ angle with my leg.
- g) Two rays with a common end point form an \_\_\_\_\_.
- h) The common end point is called the \_\_\_\_\_.
- i)  $\frac{1}{4}$  of a straight angle is \_\_\_\_\_.
- j) There are \_\_\_\_\_  $30^{\circ}$  in a right angle.

**Q2. Make a closed shapes with:**

- a) 4 sides                      b) 6 sides      c) 8 sides and also name them

**Q3. Write your name using straight lines and count the number of:**

- a) Acute angles   b) Obtuse angles   c) Right angles      d) Straight angles

**Q4. Which shape is considered to be the most rigid shape? Give three examples where this shape is used?**

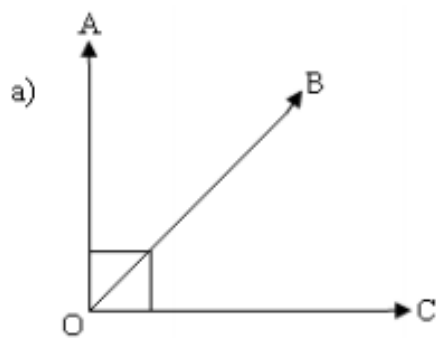
**Q5. Write what kind of angle is made by the hands of a clock at these times:**

- a) 7:25                      b) 3 O'clock                      c) 6 O'clock                      d) 10:15

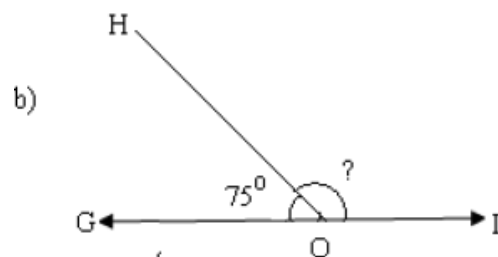
**Q6. How many degrees is the angle which is:**

- a)  $\frac{1}{2}$  of a right angle
- b)  $\frac{1}{3}$  of a right angle
- c) 2 times of right angle

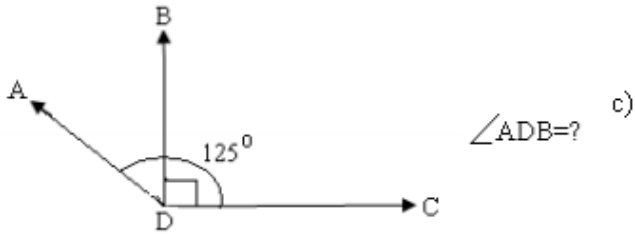
**Q7. Calculate the degree of the missing angles.**



$$\begin{aligned}\angle AOC &= 90^\circ \\ \angle AOB &= 35^\circ \\ \angle BOC &= ?\end{aligned}$$



$$\angle HOI = ?$$

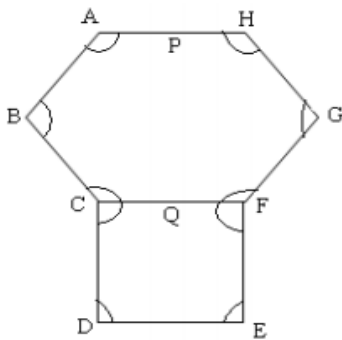


**Q8. Using a protector draw the following angles:**

- a)  $25^{\circ}$       b)  $90^{\circ}$       c)  $120^{\circ}$       d)  $45^{\circ}$

**Q9. Draw three different polygons having all angles equal.**

**Q10. Name all the angles formed in the given figure and also classify them as acute, obtuse, right, straight angles.**



-----XXXXX-----

To know more about question no. 7

[Click here](#)

To enjoy the song on angles

[Click here](#)