

CLOCKS

Answers to Questions discussed in Video (Clock part 2)

Q. The reflex Angle between the hand of the clock at 10:25 is?

Ans) $395\frac{1}{2}$ degree

Q. At what time between 5:30 and 6:00 will the hands of the clock be inclined at 90° ?

Ans) $480/11$ minutes past 5

Practice Questions on Clocks

Q1. A clock buzzes 1 time at 1 O'clock, 2 times at 2 O'clock, 3 times at 3 O'clock and so on. What will be the total number of buzzes in a day?

Q2. If a mirror is placed opposite to a clock and the time shown in the clock is 4:30, then what will be the time in the mirror's clock?

Q3. How many times are the hands of a clock at right angle in a day?

Q4. How many times do the hands of a clock point towards each other in a day? (HINT- "Point towards each other" is same as "In straight line")

Q5. Between 1 O'clock and 2 O'clock, find the time when the minute hand and an hour hand are

- (i) coinciding
- (ii) straight i.e. in opposite direction
- (iii) at angle of 90° for the first time

Answers to Practice Questions

Ans 1) 156

Ans 2) 7:30

Ans 3) 44 times

Ans 4) 22 times

Ans 5) (i) 60/11 minutes past 1 O'clock

(ii) 420/11 minutes past 1 O'clock

(iii) 240/11 minutes past 1 O'clock