

NUMBER SYSTEM - CLOCK

Advertisements

The face or dial of a watch is a circle whose outline is partitioned into 60 equivalent amounts of, called moment spaces.

A timekeeper has two hands, the littler one is known as the hour hand or short hand while the bigger one is known as the moment hand or long hand.

1. In an hour, the moment hand pick up 55 minutes on the hour hand.
2. In consistently, both the hands concur once each hour.
3. The hands are in the same straight line when they are incidental or inverse to one another.
4. Edge followed by hour hand in 12 hrs = 360°
5. Angel followed by moment hand in 60 min. = 360°
6. The hour spaces are 30° spaces apart. ($360^\circ/12 = 30^\circ$)
7. The minute spaces are 6° spaces apart. ($360^\circ/60 = 6^\circ$)
8. When the two hands are at rights angles 90° , they are $90/6 = 15$ minutes apart. This occurs twice in every hour.
9. When the two hands are in opposite directions, they are $180/6 = 30$ minutes apart. This occurs once in each hour.
10. When the hands coincide, they are 00 and zero minutes apart.

Too quick

On the off chance that a watch or a clock shows 8.15, when the right time is 8, it is said to be 15 minutes too quick.

Too moderate

In the event that it showed 7.45, when the right time is 8, it is said to be 15 minutes too moderate.

Solved Examples

[Solved Examples](#)
aptitude_clock.htm