

**Class: 3**

**Subject: Mathematics**

**Prepared by Shameema Akhtar**

**Date: 8/10/2020**



## **Chapter: Measurement**

### **Lecture - 6**

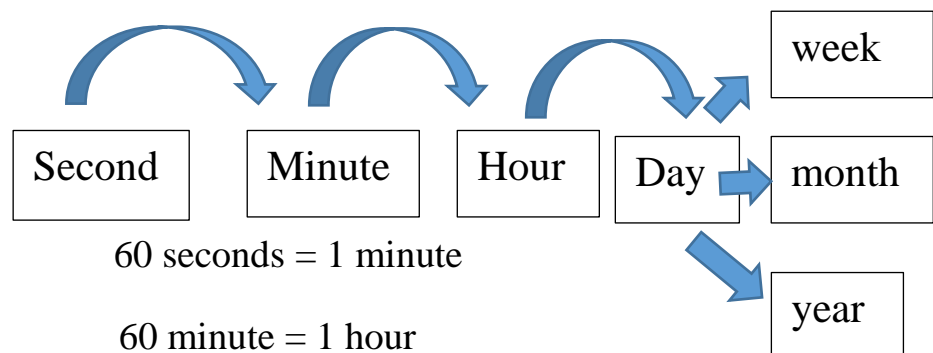
#### **Time measures**

Time is used to quantify, measure or compare the duration of events or the intervals between them, and even, sequence events.

We measure time in seconds, minutes, hours, days, weeks, months and years with clocks and calendars.

The hour hand, the shorter of the two hands, completes 1 rotation in 12 hours in a normal 12-hour **analogue**. The minute hand, the longer hand, completes 1 rotation 60 **minutes**. The second hand, the longer hand, completes 1 rotation 60 **seconds**

**Relations:**



$$60 \text{ seconds} = 1 \text{ minute}$$

$$60 \text{ minute} = 1 \text{ hour}$$

$$24 \text{ hours} = 1 \text{ day}$$

$$7 \text{ days} = 1 \text{ week}$$

$$30 \text{ days} = 1 \text{ month}$$

$$365 \text{ days} = 1 \text{ year}$$

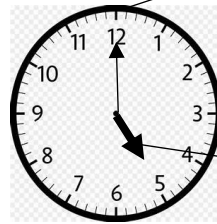
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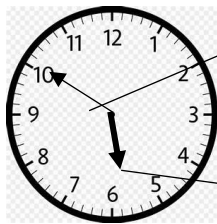
**What time is it?**



Minute hand points 12

Hour hand pointing hour.  
Here hour hand pointing 5

So time is 5 o' clock



Minute hand pointing 10 or  
50 minutes

Hour hand pointing hour. Here hour  
hand not pointing any number. Here  
the hour hand has not passed 6 yet.

So time is 5 hours 50 minutes

**Assess your learning**

1. Show the following time by drawing analog clock and digital clock :

a) 12 o'clock.

b) 6 o'clock.

c) 11 o'clock.

d) 2 o'clock

e) 5 hours 46 minutes

f) 7 hours 46 minutes

g) 3 hours 55 minutes

h) 12 hours 34 minutes

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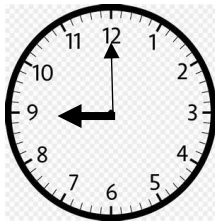
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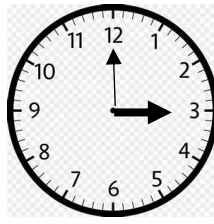
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2. Write down the following time, which is shown in the given analog clocks:

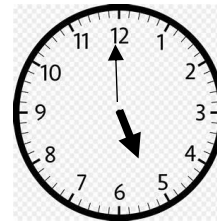
a.



b.



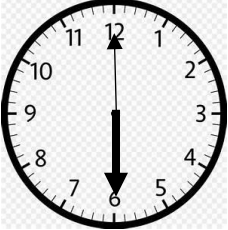
c.



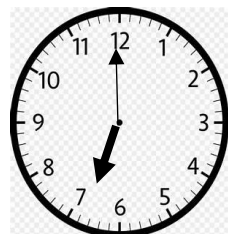
3. Fill in the gaps with the write time indicate by the clock in the pictures:



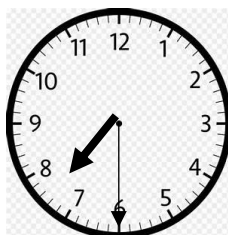
a. I awake up at \_\_\_\_\_



b. I take exercice at \_\_\_\_\_



c. I take bath at \_\_\_\_\_



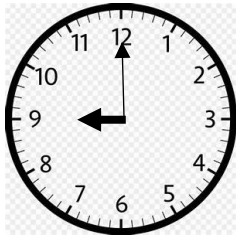
d. I eat breakfast at \_\_\_\_\_

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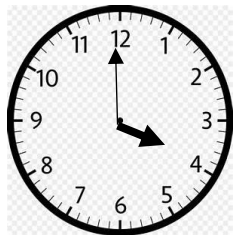
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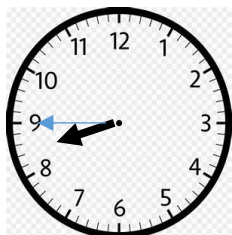
e. I start study at \_\_\_\_\_



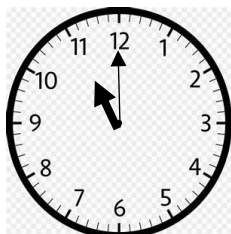
f.. I take lunch at \_\_\_\_\_



g. My play time starts from lunch at \_\_\_\_\_



h.I take dineer at \_\_\_\_\_



i.Igo to bed at \_\_\_\_\_

3. 102 page note -1

4. 102 page note -2

5. 102 page note -3