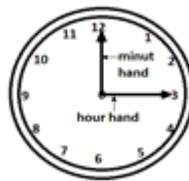


Clock - Solved Examples

Q 1 – The smaller or slower hand of a clock is called hour hand it makes how many times revolution in a day?



Options :

A - One

B - Three

C - Four

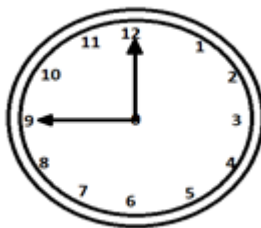
D - Two

Answer - D

Explanation

There are 24 hrs in a day so each 12 hrs one revolution, so in 24 hrs there will be two revolutions.

Q 2 – The bigger hand of a clock makes how many revolutions every hour?



Options :

A - One

B - Two

C - Three

D - Four

Answer - A

Explanation

In every one hour, the bigger hand revolves only once.

Q 3 – How many revolutions that second hand makes per minute?

Options :

A - One

B - Two

C - Three

D - None of these

Answer - A

Explanation

Second hand also revolves once per one minute.

Q 4 – In one hour how much minute space covers the hour hand?

Options :

A - 60

B - 55

C - 45

D - 50

Answer - B

Explanation

$$60 - 5 = 55$$

Q 5 – If the two hands are in opposite direction then what is the difference of degree and min between the two hands?

Options :

A - 180° and 30 min.

B - 180° and 30 min.

C - 60° and 15 min.

D - 120° and 10 min

Answer - A

**Explanation**

When hour hand and minute hand are in a straight line they are 30 min space apart.

Q 6 – What is the value of the angle covered in 60 min?

Options :

A - 360°

B - 300°

C - 180°

D - 90°

Answer - A

Explanation

In general, the angle covered by 1 min = 6° , so the angle covered by 60 minute = 360°

Q 7 – In between 11 and 1 O'clock, how many times both the hands will coincide with each other?

Options :

A - One

B - Two

C - Three

D - None of these

Answer - B

Explanation

Because both hands will coincide each other at 12 O'clock.

Q 8 – How many seconds are acquired when both the hands are 90° space apart?

Options :

A - 870 sec.

B - 880 sec.

C - 890 sec.

D - 900 sec.

Answer - D

Explanation

$15 \times 60 = 900$ sec.

Q 9 – How many hours are there in a year?

Options :

A - 8760 hrs

B - 8765 hrs

C - 8755 hrs

D - 8750 hrs

Answer - A

Explanation

$$24 \times 365 = 8760 \text{ hrs.}$$

Q 10 – How many minutes in 365 days?

Options :

A - 525600 min.

B - 525550 min.

C - 52500 min.

D - 5254450 min

Answer - A

Explanation

$$1 \text{ day} = 24 \text{ hrs.} = 1440 \text{ min.}$$

$$365 \text{ day} = 1440 \times 365 = 525600 \text{ min.}$$