

SESSION : 7
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 10
CHAPTER NAME : TIME
SUBTOPIC : HOURS AND MINUTES

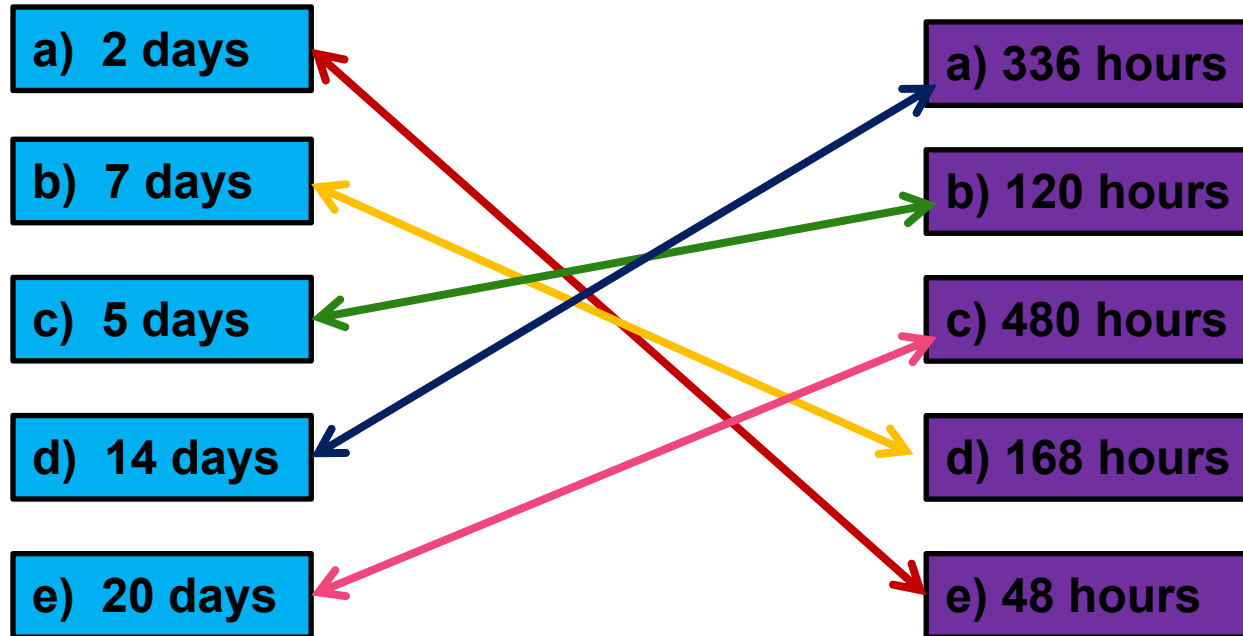
CHANGING YOUR TOMORROW

TIME

HOURS AND MINUTES

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Quickly let us match the following days and hours:



TIME

HOURS AND MINUTES



- The minute hand takes 60 minutes to complete one round on the clock. So, 1 hour = 60 minutes.
- There are 60 seconds in one minute and 60 minutes in one hour.
- To convert from hours to minutes and minutes to seconds, you multiply by 60.

TIME

HOURS AND MINUTES

FORMULA TO REMEMBER

1 HOUR = 60 MINUTES

TIME

HOURS AND MINUTES

SOLVED EXAMPLE

Hours into minutes

7 hours

Since 1 hour = 60 minutes

so, 7 hours = 7×60 minutes

= 420 minutes

TIME
HOURS AND MINUTES

**Exercise-10 E Q. No A and B
book page - 130
in the notebook.**



TIME

HOURS AND MINUTES

A. Convert the given number of hours into minutes.

1. 4 hours

Since 1 hour = 60 minutes

so, 4 hours = 4×60 minutes
= 240 minutes

2. 10 hours

Since 1 hour = 60 minutes

so, 10 hours = 10×60 minutes
= 600 minutes

TIME

HOURS AND MINUTES

3. 6 hours

Since 1 hour = 60 minutes

so, 6 hours = 6×60 minutes
= 360 minutes

4. 12 hours

Since 1 hour = 60 minutes

so, 12 hours = 12×60 minutes
= 720 minutes

TIME

HOURS AND MINUTES

5. 9 hours

Since 1 hour = 60 minutes

so, 9 hours = 9×60 minutes
= 540 minutes

6. 15 hours

Since 1 hour = 60 minutes

so, 15 hours = 15×60 minutes
= 900 minutes

B. Convert the given number of hours and minutes into minutes .

1. 2 hours 20 minutes

Since 1 hour = 60 minutes

so, 2 hours = 2×60 minutes
= 120 minutes

Thus, 2 hours and 20 minutes = 120 minutes + 20 minutes
= 140 minutes

TIME

HOURS AND MINUTES

2. 12 hours 8 minutes

Since 1 hour = 60 minutes

so, 12 hours = 12×60 minutes
= 720 minutes

Thus, 12 hours and 8 minutes = 720 minutes + 8 minutes
= 728 minutes

TIME

HOURS AND MINUTES

3. 6 hours 40 minutes

Since 1 hour = 60 minutes

**so, 6 hours = 6×60 minutes
= 360 minutes**

**Thus, 6 hours and 40 minutes = 360 minutes + 40 minutes
= 400 minutes**

TIME

HOURS AND MINUTES

4. 15 hours 10 minutes

Since 1 hour = 60 minutes

so, 15 hours = 15×60 minutes
= 900 minutes

Thus, 15 hours and 10 minutes = 900 minutes + 10 minutes
= 910 minutes

TIME

HOURS AND MINUTES

5. 9 hours 30 minutes

Since 1 hour = 60 minutes

so, 9 hours = 9×60 minutes
= 540 minutes

Thus, 9 hours and 30 minutes = 540 minutes + 30 minutes
= 570 minutes

TIME

HOURS AND MINUTES

6. 20 hours 20 minutes

Since 1 hour = 60 minutes

**so, 20 hours = 20×60 minutes
= 1200 minutes**

**Thus, 20 hours and 20 minutes = 1200 minutes + 20 minutes
= 1220 minutes**

TIME

RELATIONSHIP BETWEEN VARIOUS UNITS OF TIME

COMPETENCY BASED QUESTIONS (SAFAL)

EVALUATION

MATHS

Choose the correct option:

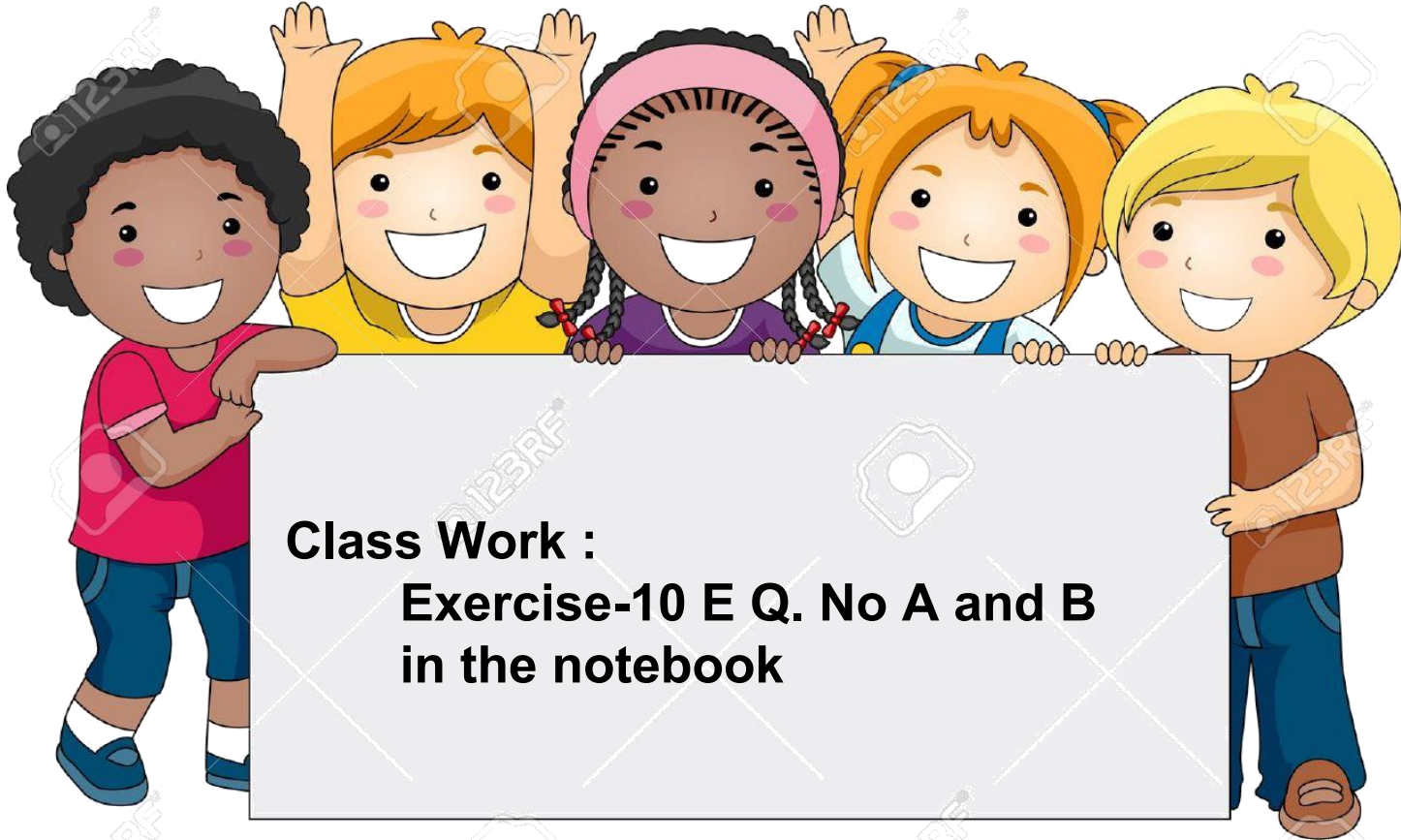
Assertion: There are 60 seconds in 1 minute and 60 minutes in an hour.

Reason: We get 3600 seconds in 24 hours when we multiply 60×60 .

- (a) Both, A and R, are true and R is the correct explanation of A.
- (b) Both, A and R, are true but R is not the correct explanation of A.
- (c) If A is true, R is false.
- (d) If A is false, R is true.

TIME

HOURS AND MINUTES



LEARNING OUTCOME:

Children will be able to
*** Convert hours into minutes.**

THANKING YOU
ODM EDUCATIONAL GROUP