SESSION   : 21
CLASS   : IV
SUBJECT   : MATHEMATICS
CHAPTER NUMBER   : 15
CHAPTER NAME   : TIME AND CALENDAR
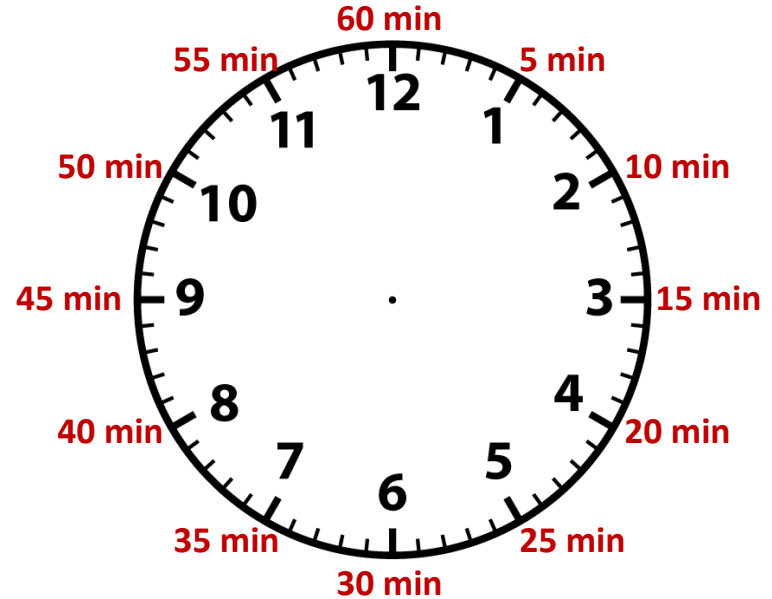SUBTOPIC   : TELLING TIME CORRECT TO THE
                   NEAREST MINUTE, EX-15 B

- **Enable the students to understand about the time to the exact minute.**

TELLING TIME CORRECT TO THE NEAREST MINUTES

The time taken by the minute hand to move from one number to another is 5 minute

To take one full round, the minute hand moves by 12 such numbers. So the minute hand takes one round in 5 × 12 = 60 minutes.
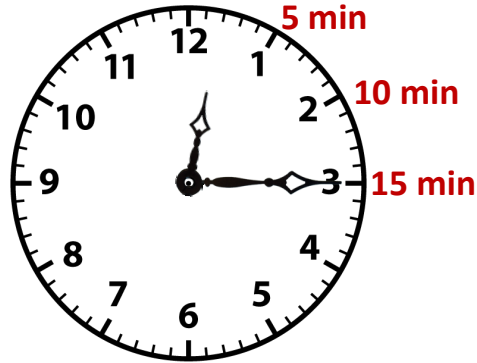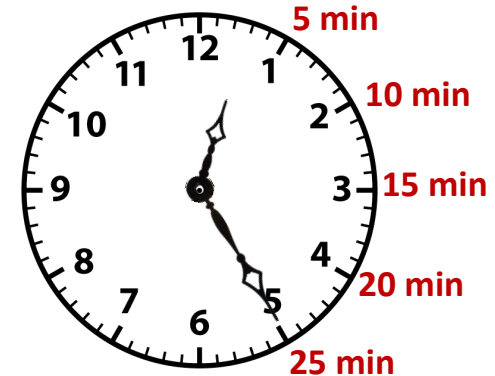
60 min
55 min
5 min
50 min
10 min
45 min
15 min
40 min
20 min
35 min
25 min
30 min

60 minutes = 1 hour

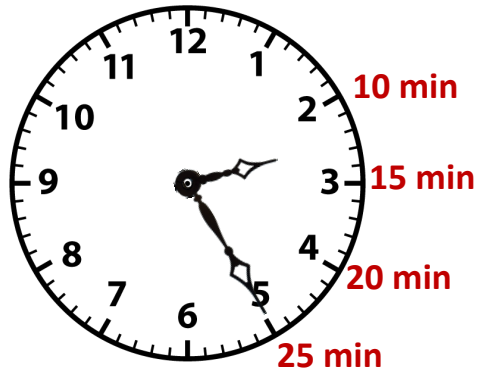In the same time (i.e. 60 minutes), the hour hand moves from one number to the next number.

Suppose the minute hand moves from 12 to 3. it takes 5 × 3 = **15 minutes**.

Suppose the minute hand moves from 12 to 5. it takes 5 × 5 = **25 minutes**.

In the same time (i.e. 60 minutes), the hour hand moves from one number to the next number.
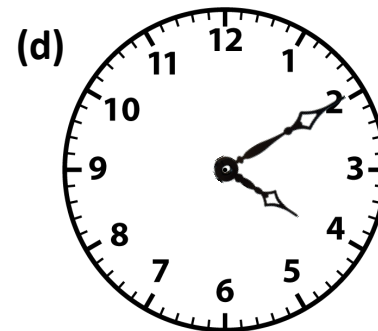
10 min
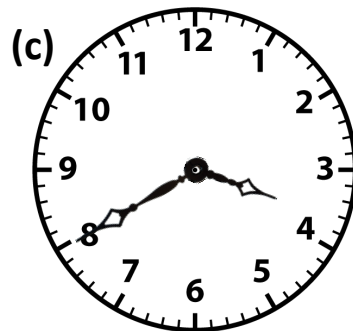
15 min
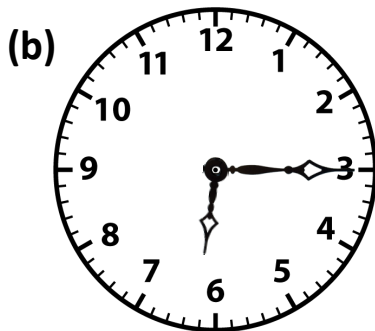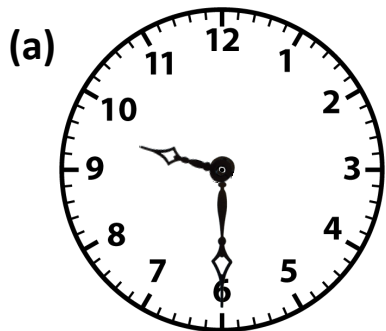
20 min

25 min

Suppose the minute hand moves from 2 to 5. it takes 25 – 10 = **15 minutes**.

TELLING TIME CORRECT TO THE NEAREST MINUTES

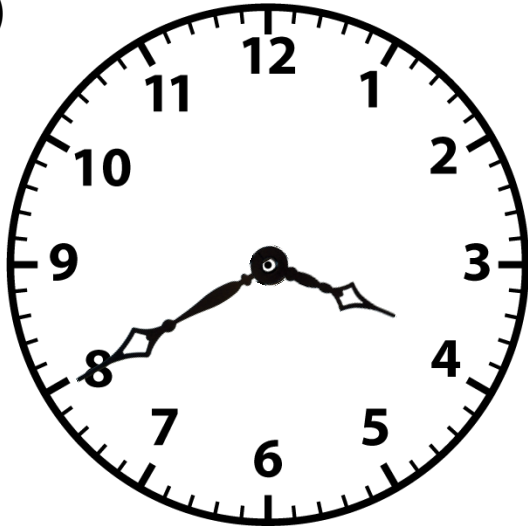**Example :** Look at the following clock and tell the time.

(a)
(b)
(c)
(d)

Position of the hour hand	Position of the minute hand	Number of minutes	Time	Method to tell the time
(a) Between 9 and 10	At 6	6 × 5 = 30	9 : 30	30 minutes past 9.
(b) Between 6 and 7	At 3	3 × 5 = 15	6 : 15	15 minutes past 6.
(c) Between 3 and 4	At 8	8 × 5 = 40	3 : 40	40 minutes past 3.
(d) Between 4 and 5	At 2	2 × 5 = 10	4 : 10	10 minutes past 4.

Exercise-15(B)

1. Look at each clock and write down the time shown by it in two ways. Part 'a' is done for you.

(a)

Position of the hour hand = between 3 and 4

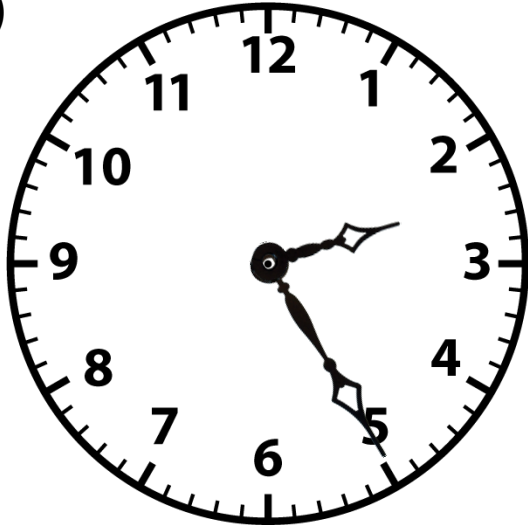Position of the minute hand = 8

Number of minutes = 8 × 5 = 40

3 : 40

40 minutes past 3

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Exercise-15(B)

1. Look at each clock and write down the time shown by it in two ways. Part 'a' is done for you.

(b)

Position of the hour hand = between 2 and 3

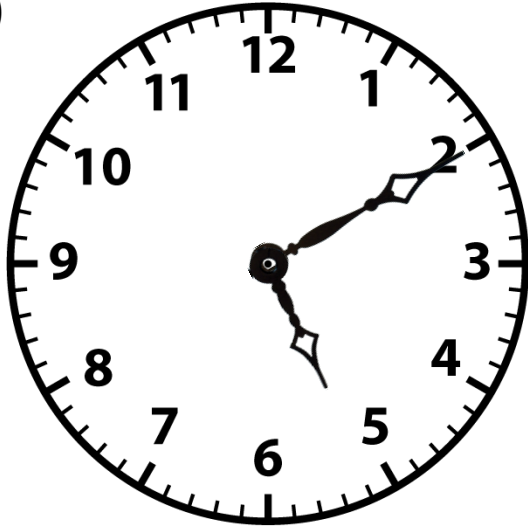Position of the minute hand = 5

Number of minutes = 5 × 5 = 25

2 : 25

25 minutes past 2

Exercise-15(B)

1. Look at each clock and write down the time shown by it in two ways. Part 'a' is done for you.

(c)

Position of the hour hand = between 5 and 6

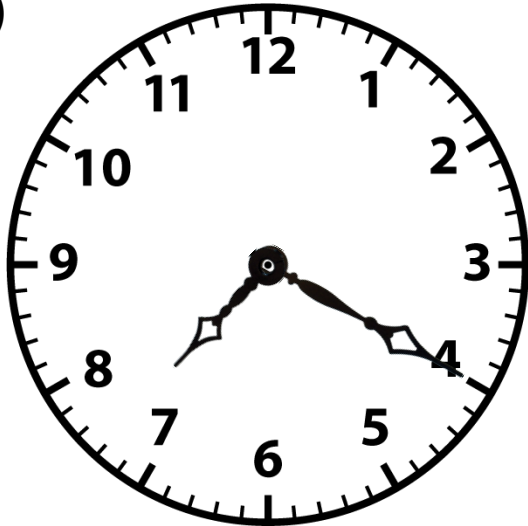Position of the minute hand = 2

Number of minutes = 2 × 5 = 10

5 : 10

10 minutes past 5

Exercise-15(B)

1. Look at each clock and write down the time shown by it in two ways. Part 'a' is done for you.

(d)

Position of the hour hand = between 7 and 8

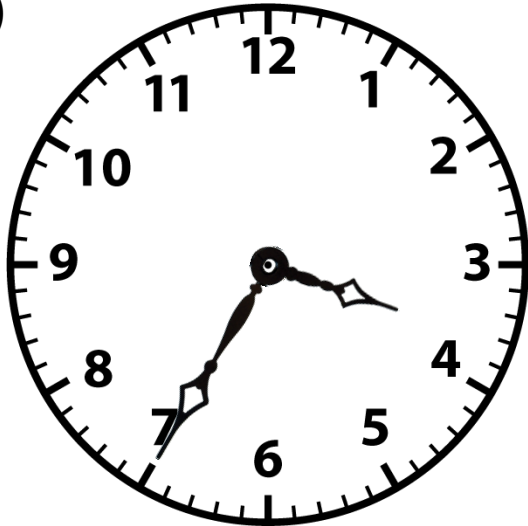Position of the minute hand = 4

Number of minutes = 4 × 5 = 20

7 : 20

20 minutes past 7

Exercise-15(B)

1. Look at each clock and write down the time shown by it in two ways. Part 'a' is done for you.

(e)

Position of the hour hand = between 3 and 4

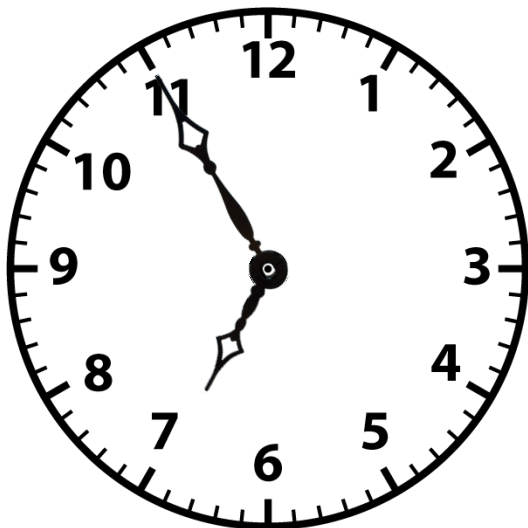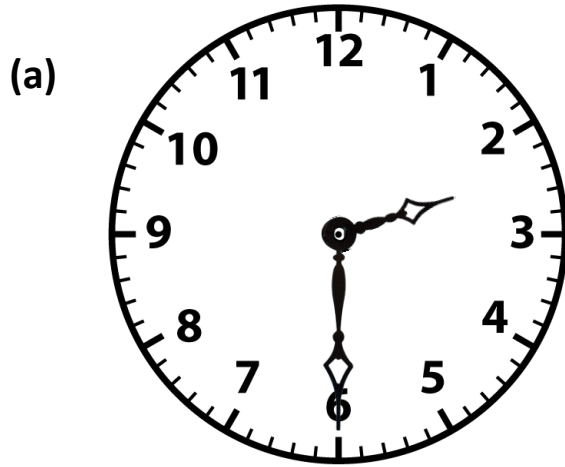Position of the minute hand = 7

Number of minutes = 7 × 5 = 35

3 : 35

35 minutes past 3

Exercise-15(B)

1. Look at each clock and write down the time shown by it in two ways. Part 'a' is done for you.

(f)

Position of the hour hand = between 6 and 4

Position of the minute hand = 11

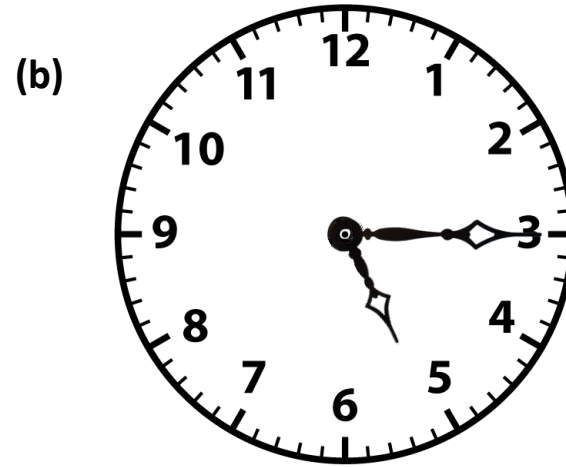Number of minutes = 11 × 5 = 55

6 : 55

55 minutes past 6

TELLING TIME CORRECT TO THE NEAREST MINUTES

Exercise-15(B)

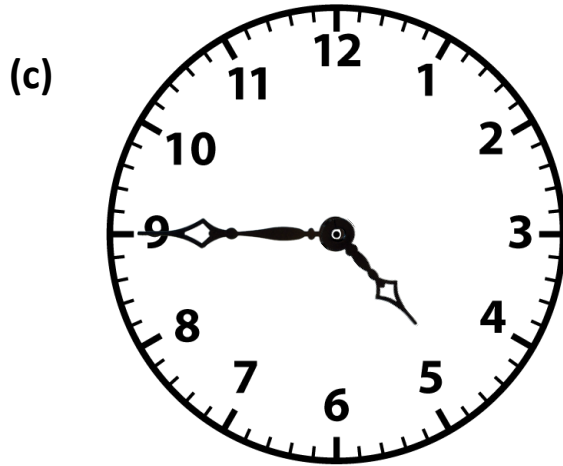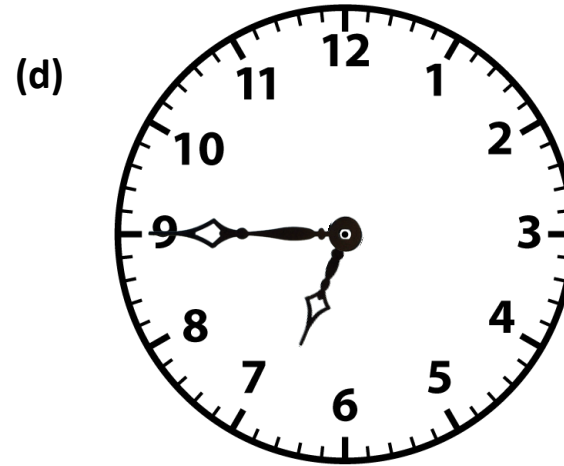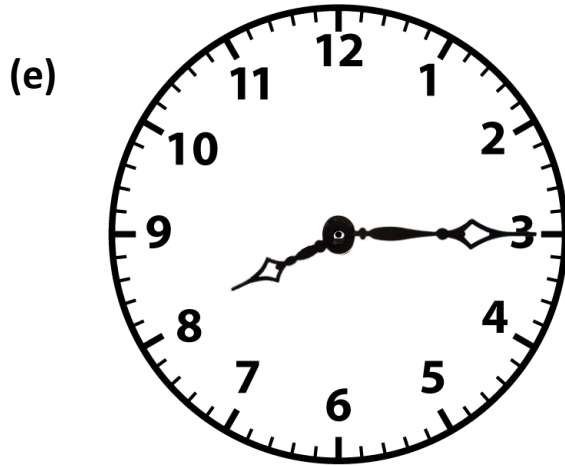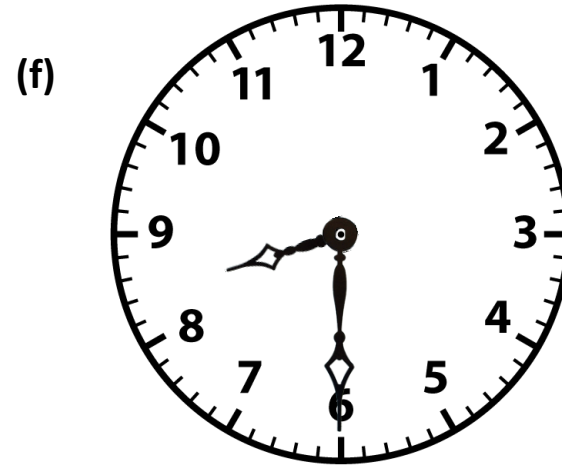2. Write the time below each clock using half past/quarter, past/quarter to.

(a)

(b)
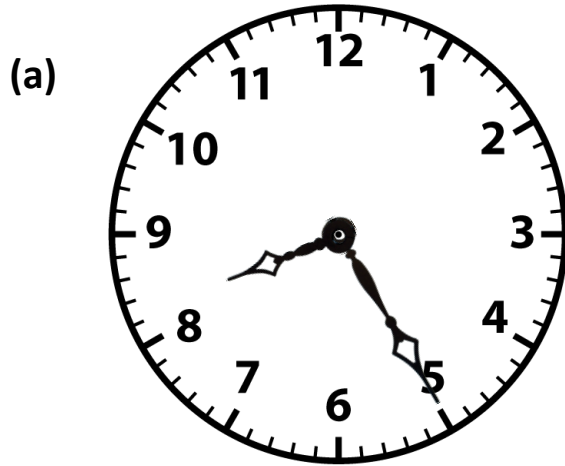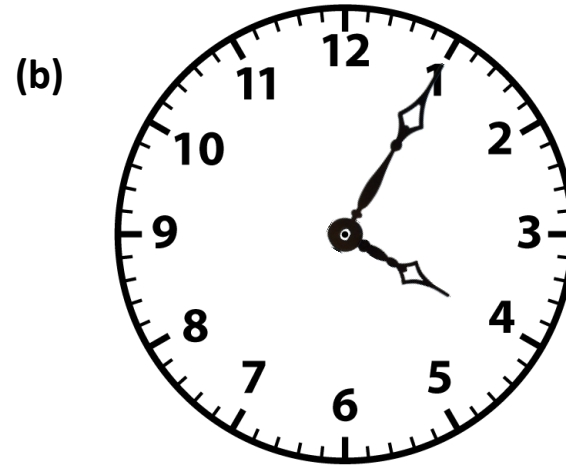
Half past 2

Quarter past 5

Exercise-15(B)

2. Write the time below each clock using half past/quarter past/quarter to.

(c)

Quarter to 5

(d)

Quarter to 7

Exercise-15(B)

2. Write the time below each clock using half past/quarter past/quarter to.

(e)

(f)

Quarter past 8

Half past 8

Exercise-15(B)

3. Draw the two hands in each clock to show the time given below it.

(a)

(b)

8 : 25

4 : 05

Exercise-15(B)

3. Draw the two hands in each clock to show the time given below it.

(c)

9 : 10

(d)

20 minutes past 7
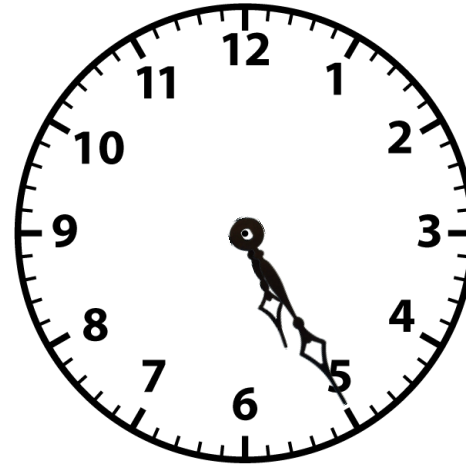
Exercise-15(B)

3. Draw the two hands in each clock to show the time given below it.

(e)

1 : 20

(f)

25 minutes past 5

HOME ASSIGNMENT:

➢ **Complete Exercise – 15 B in your book.**

LEARNING OUTCOME:

Students are able to understand about the time to the nearest minutes.

THANKING YOU
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