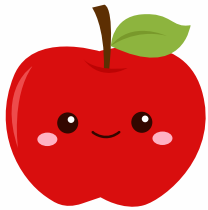


# P3 Singapore Math

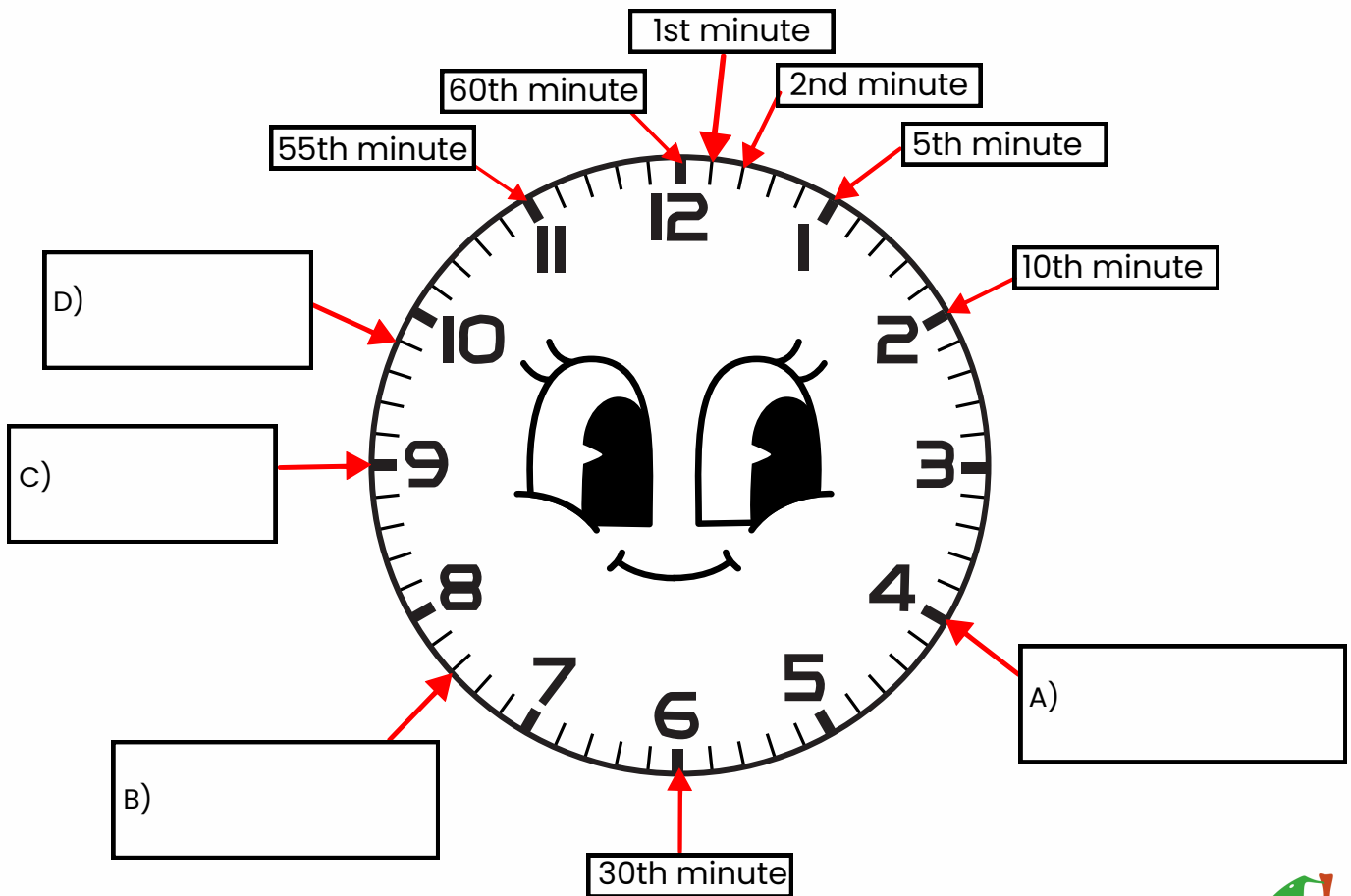
## Time- Converting Hours & Minutes

$+$   $-$   $\times$   $\div$

Name: \_\_\_\_\_ Date: \_\_\_\_\_



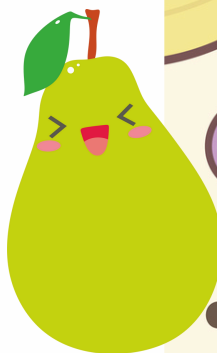
1 hour is 60 minutes because each small marking on the clock represents 1 minute.

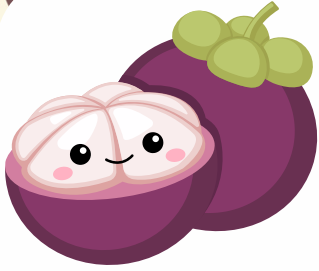


Hence, each large number of the clock is an increment of 5 minutes.

Answers:

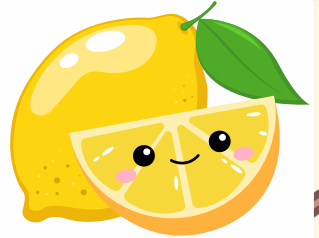
- A) 20th minute
- B) 38th minute
- C) 45th minute
- D) 49th minute





Since 1 hour = 60 minutes,  
2 hours = 60 + 60  
= 120 minutes

60+60 is also the same as  
 $2 \times 60 = 120$



3 hours =  $3 \times 60$   
= \_\_\_\_\_ minutes

4 hours =  $4 \times 60$   
= \_\_\_\_\_ minutes

5 hours =  $5 \times 60$   
= \_\_\_\_\_ minutes

6 hours =  $6 \times 60$   
= \_\_\_\_\_ minutes

## QUESTIONS

$$\begin{aligned}\text{E.g. } 4\text{h } 30\text{min} &= 240\text{min} + 30\text{min} \\ &= 270\text{min}\end{aligned}$$

1)  $1\text{h } 45\text{min} = \underline{\hspace{2cm}} \text{ min}$

2)  $3\text{h } 23\text{min} = \underline{\hspace{2cm}} \text{ min}$

3)  $2\text{h } 14 \text{ min} = \underline{\hspace{2cm}} \text{ min}$

4)  $5\text{h } 13\text{min} = \underline{\hspace{2cm}} \text{ min}$

5)  $6\text{h } 30\text{min} = \underline{\hspace{2cm}} \text{ min}$

6)  $1\text{h } 15\text{min} = \underline{\hspace{2cm}} \text{ min}$

7)  $4\text{h } 40\text{min} = \underline{\hspace{2cm}} \text{ min}$

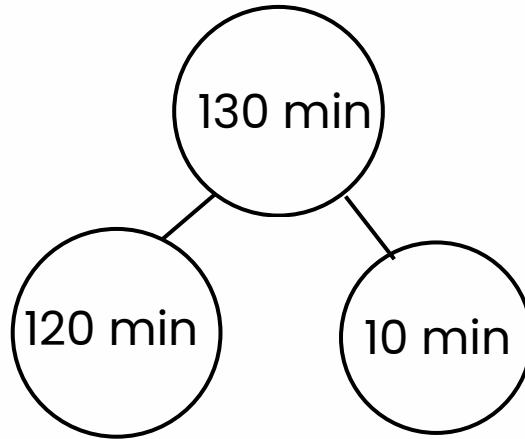
8)  $5\text{h } 10\text{min} = \underline{\hspace{2cm}} \text{ min}$

9)  $7\text{h } 5\text{min} = \underline{\hspace{2cm}} \text{ min}$

10)  $7\text{h } 45\text{min} = \underline{\hspace{2cm}} \text{ min}$

## QUESTIONS

E.g. 130min = \_\_\_\_?\_\_\_\_



130min = 2h 10min

### Step 1:

Memorize

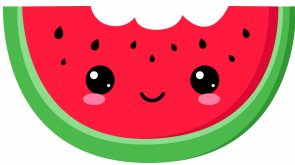
1h = **60min**

2h = **120min**

3h = **180min**

4h = **240min**

5h = **300min**



### Step 2:

From the list above, find the minute that is closest to 130 min, but lower than it.

We choose 120min because it is the closest number to 130min that is lower than 130min.

We do not choose 180min because it has exceeded 130min.

130min makes up of **120min** + 10min.



### Step 3:

Use the number bonds to help you.

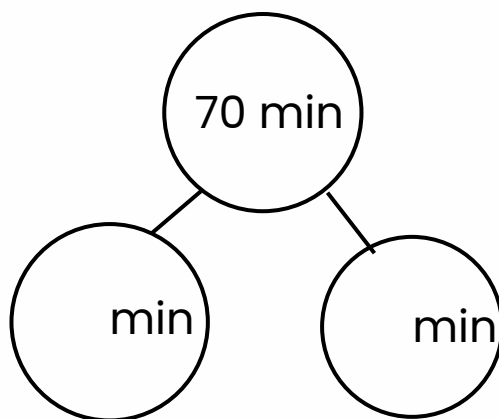
Since 120min = 2h, thus 130min = 2h 10min



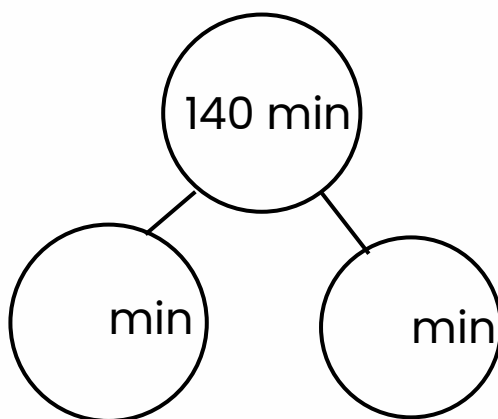


## QUESTIONS

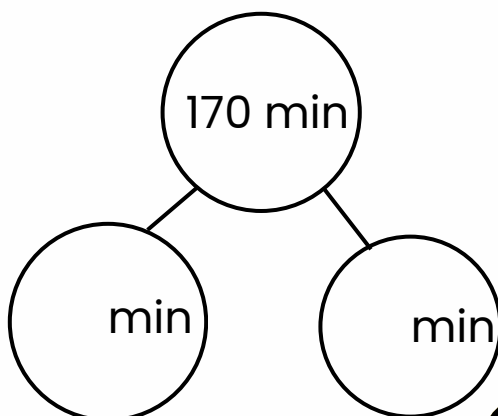
1) 70min = \_\_\_\_h \_\_\_\_min



2) 140 min = \_\_\_\_h \_\_\_\_min

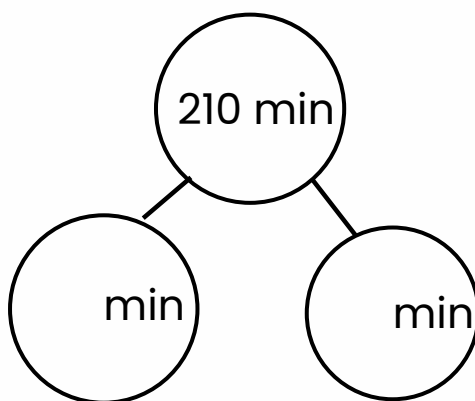


3) 170 min = \_\_\_\_h \_\_\_\_min

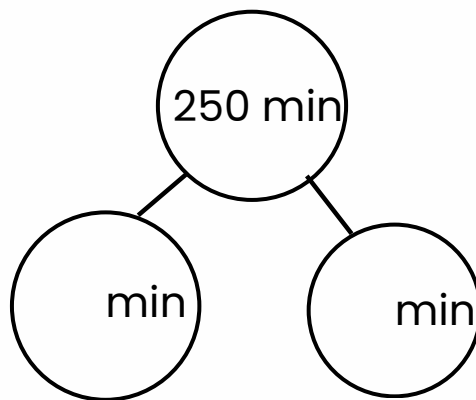


## QUESTIONS

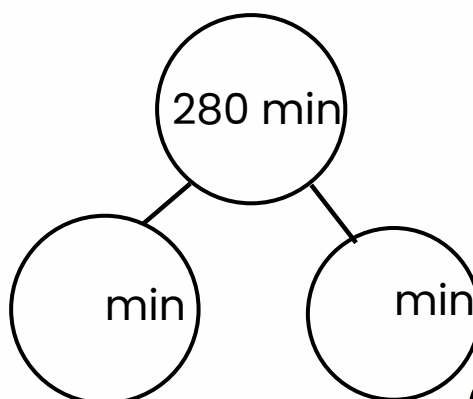
4) 210 min = \_\_\_\_h \_\_\_\_min



5) 250 min = \_\_\_\_h \_\_\_\_min

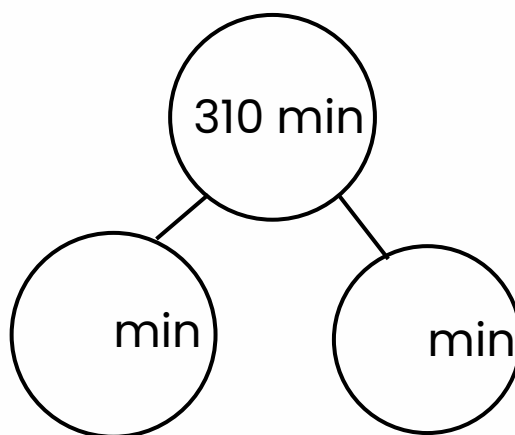


6) 280 min = \_\_\_\_h \_\_\_\_min



## QUESTIONS

7) 310 min = \_\_\_\_ h \_\_\_\_ min



## ANSWER KEY

$$\begin{aligned} 3\text{h} &= 3 \times 60 \\ &= \underline{180 \text{ minutes}} \end{aligned}$$

$$\begin{aligned} 4\text{h} &= 4 \times 60 \\ &= \underline{240 \text{ minutes}} \end{aligned}$$

$$\begin{aligned} 5\text{h} &= 5 \times 60 \\ &= \underline{300 \text{ minutes}} \end{aligned}$$

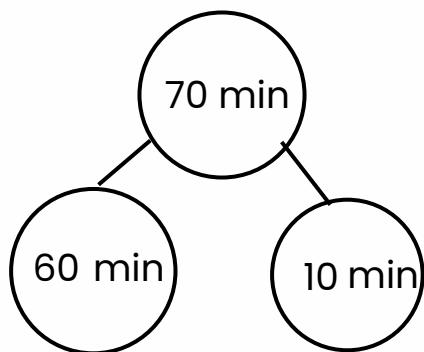
$$\begin{aligned} 6\text{h} &= 6 \times 60 \\ &= \underline{360 \text{ minutes}} \end{aligned}$$

### Converting Hours and minutes to minutes

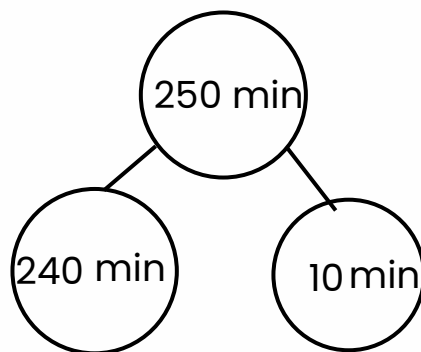
1. 1h 45min = 105 min
2. 3h 23min = 203 min
3. 2h 14min = 134 min
4. 5h 13min = 313 min
5. 6h 30min = 390 min
6. 1h 15min = 75 min
7. 4h 40min = 280 min
8. 5h 10min = 310 min
9. 7h 5min = 425 min
10. 7h 45min = 465 min

# ANSWER KEY

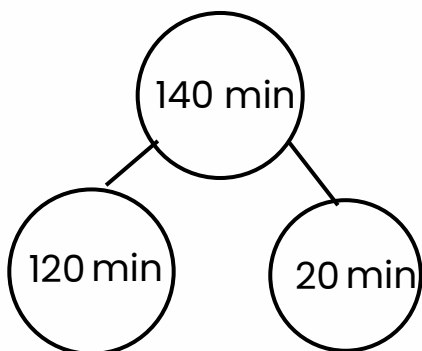
1) 70 min = 1 h 10 min



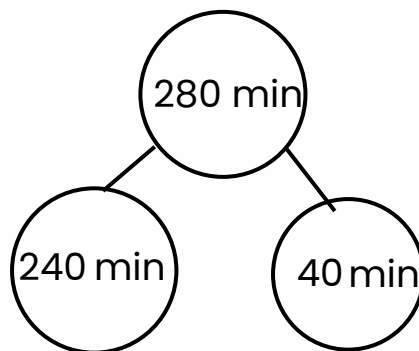
5) 250 min = 4 h 10 min



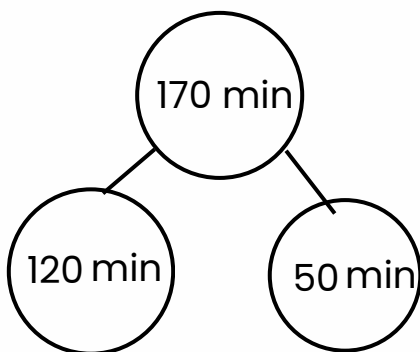
2) 140 min = 2 h 20 min



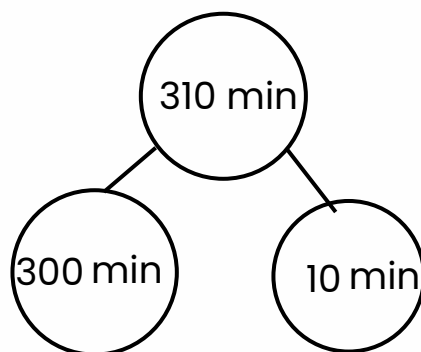
6) 280 min = 4 h 40 min



3) 170 min = 2 h 50 min



7) 310 min = 5 h 10 min



4) 210 min = 3 h 30 min

