

**Group A – Lesson 2**

**Example 1**

a) Find the value of  $17 + 18 + 19$ .

$$\begin{aligned}
 17 + 18 + 19 &= 20 - 3 + 20 - 2 + 20 - 1 \\
 &= \\
 &= \\
 &=
 \end{aligned}$$

b) Find the value of  $37 + 38 + 35$ .

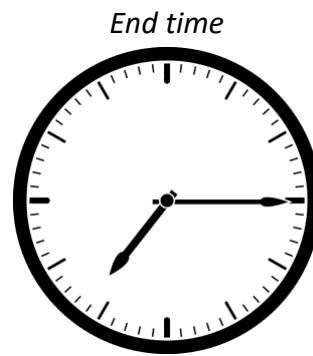
$$\begin{aligned}
 37 + 38 + 35 &= 30 + 7 + 30 + 8 + 30 + 5 \\
 &= 90 + 7 + 8 + 5 \\
 &= 90 + 7 + 8 + 3 + 2 \\
 &= \\
 &=
 \end{aligned}$$

**Example 2**

The clocks show the start and end times of a class outing. How long did the outing last?



\_\_\_\_\_ PM



\_\_\_\_\_ PM

**Example 3**

There are three chests A, B and C. One of them contains treasure while the other two are empty.

Chest A's label reads, "This chest is empty."

Chest B's label reads, "This chest contains the treasure."

Chest C's label reads, "Chest B is empty."

Only one chest is labelled correctly. Which chest contains the treasure?



**Example 4**

Continue the following number sequence

a) 3, 6, 9, 12, \_\_, \_\_, \_\_

b) 1, 2, 4, 8, \_\_, \_\_, \_\_



**Example 5**

Use a quick method to evaluate the following.

a)  $2 \times 13 \times 5$

b)  $50 \times 11 \times 2$

**Practice 1**

Evaluate the following.

a)  $12 + 13 + 8 + 10$

b)  $18 + 13 + 22 + 28$

c)  $18 + 28 + 38$

d)  $16 + 17 + 18 + 19$

**Practice 2**

A tennis match started at 7.30 pm and ended at 10.15 pm. How long did the match last?

**Practice 3**

A football smashed through the window in the Principal's Office. Three boys were brought in for questioning.

Andy: "It wasn't me!"

Benny: "Cheney is innocent."

Cheney: "Andy is innocent."

If 1 boy was lying, who kicked the ball through the window?



**Practice 4**

Continue the following sequence:

a) 4, 8, 12, \_\_, \_\_, \_\_

b) 1, 3, 9, \_\_, \_\_

c) 7, 14, 21, \_\_, \_\_, \_\_

d) 4, 7, 5, 8, 6, 9, \_\_, \_\_, \_\_

**Practice 5**

Use a quick method to evaluate the following.

a)  $4 \times 8 \times 25$

b)  $32 \times 25$

c)  $25 \times 24$

d)  $16 \times 25$