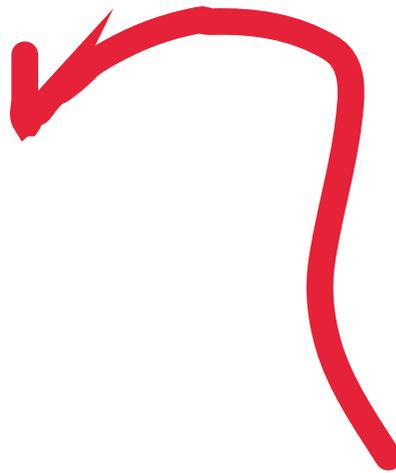
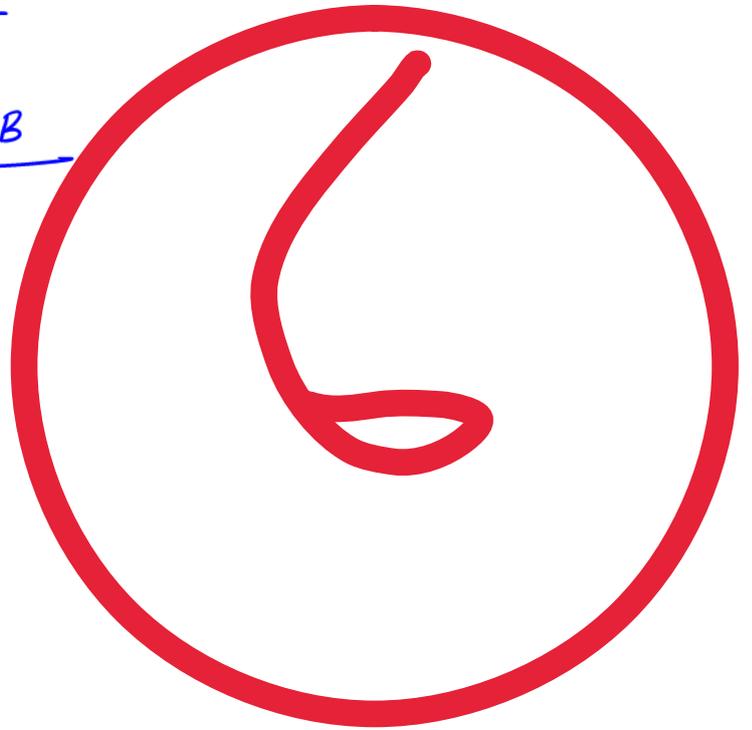


SECTION B



You need to add 'given, asked, solution, formula and answer' in your ability answers

The answer should at least extend one side of a paper



SECTION C

Q#6(A) \Rightarrow That woman is the Grand mother of Ahsan.

Q#6(B) \checkmark At 12 km/hour

$$1 \text{ hour} = 60 \text{ min}$$

Man travels 12 km in 60 minutes.

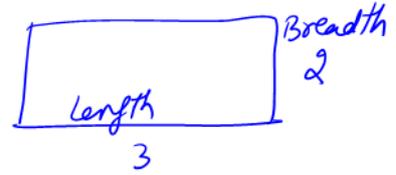
$$60 \text{ min} = 12 \text{ km}$$

$$1 \text{ min} = \frac{12}{60} \text{ km}$$

$$8 \text{ min} = \frac{12}{60} \times 8 \text{ km}$$

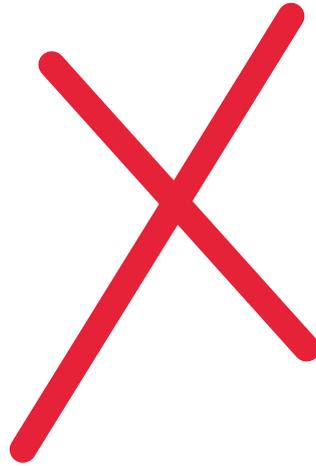
$$8 \text{ min} = \frac{8}{5} \text{ km}$$

$$8 \text{ min} = 1.6 \text{ km.}$$

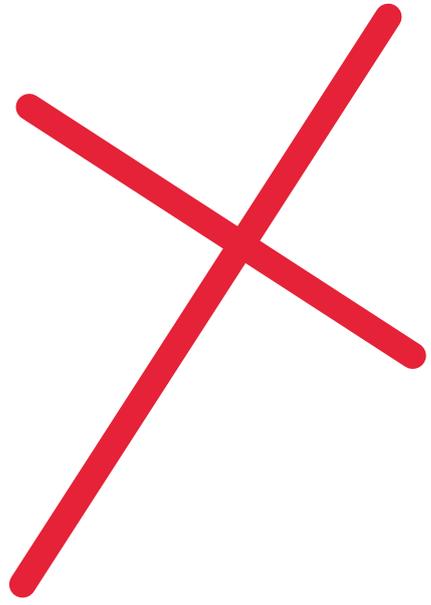


3:2

$$\begin{array}{r} 1.6 \\ 5 \overline{) 80} \\ \underline{50} \\ 30 \\ \underline{30} \\ 0 \\ \times \end{array}$$



Q#6(c) ✓



Q.7 (A)

$$40\% \cdot x = \frac{2}{3} y$$

$$\frac{40}{100} x = \frac{2}{3} y$$

$$\frac{x}{5} = \frac{y}{3}$$

$$\frac{x}{y} = \frac{5}{3}$$

$$\boxed{x : y = 5 : 3} \text{ Ans}$$



Q.7 (B) After selling 17 balls at Rs 720

$$\text{Payment received} = 17 \times 720$$

$$\text{Payment received} = 12,240$$

$$\text{Loss} = \text{Cost price of 5 balls}$$

$$\text{Cost price of 1 ball} = ?$$

$$\text{let cost price} = x$$

$$\text{cost price of 5 ball} = 5x$$

$$\begin{array}{r} 720 \\ \times 17 \\ \hline 5040 \\ 720 \times \\ \hline 12240 \end{array}$$

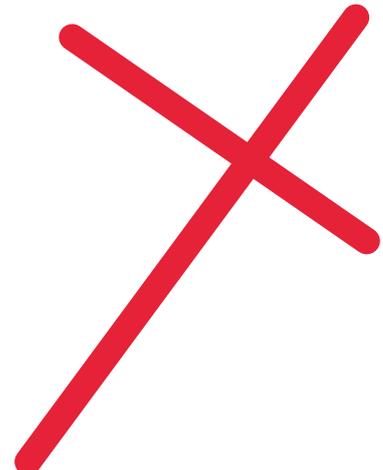
$$\text{Profit} = \text{selling} - \text{cost}$$

$$\text{Loss} = \text{cost} - \text{selling}$$

$$\text{Loss} = \text{Cost price} - \text{selling price}$$

$$\text{Loss} = (12,240 + 5x) - (12,240)$$

$$\boxed{\text{Loss} = 5x}$$



Q#7(c) ✓

Let son's Age = x

Man's Age = $24 + x$

After two years.

$$x + 2 = 24 + (x + 2)$$

$$x + 2 = 26 + x$$

his age will be twice the age of his son

$$26 + x = 2(x + 2)$$

$$26 + x = 2x + 4$$

$$\boxed{22 = x}$$

⇒ So, present age of son is 22 years. // Ans

Q.7 (D) ✓ Typing speed of Rashid.

32 pages = 6 hours

1 page = $\frac{6}{32}$ hours

110 pages = $\frac{3}{32} \times \frac{55}{10}$ hours

$$\begin{array}{r} 55 \\ 1 \overline{) 3} \\ 165 \end{array}$$

Rashid $\boxed{110 \text{ pages} = \frac{165}{8} \text{ hours}}$

Typing speed of Kamran

40 pages = 5 hours

1 page = $\frac{5}{40}$ hours

110 pages = $\frac{110}{8}$ hours

$$\begin{array}{r} 55 \\ 40 \overline{) 110} \\ 84 \end{array}$$

$$\begin{array}{r} 1 \quad 55 \\ 5 \overline{) 110} \\ 84 \end{array}$$

Kamran $\boxed{110 \text{ pages} = \frac{55}{4} \text{ hours}}$

As we know that

$$W_{AB} = \frac{1}{A} + \frac{1}{B}$$

$$W_{Rashid+Kamran} = \frac{1}{\frac{165}{8}} \text{ hr} + \frac{1}{\frac{55}{4}} \text{ hr}$$

$$W_{Rashid+Kamran} = \frac{8}{165} \text{ hr} + \frac{4}{55} \text{ hr}$$

$$W_{Rashid+Kamran} = \frac{8+12}{165} \text{ hr}$$

$$= \frac{20}{165} \text{ hr}$$

$$W_{Rashid+Kamran} = \frac{6}{55} \text{ hr}$$

$$\frac{1}{5} + \frac{1}{\frac{6}{32}}$$

$$\frac{40}{5} + \frac{16}{63}$$

$$8 + \frac{16}{3}$$

$$\frac{24+16}{3}$$

110
40

$$1 \text{ page} = \frac{40}{3} \text{ hour}$$

$$110 \text{ page} = \frac{40}{3} \times 110$$

X



Q.6 Five Horses A to E in a row
A, B, C, D, E

A is to the right of B

^{BA}
E is to the left of C and right of A

So, BAEC
and lastly B is to the right of D

DBAEC

⇒ D is in the middle. Ans

Q.6(B)

- Q. 8(c)
- (a) SHIRT
 - (b) COAT
 - (c) BLOUSE
 - (d) SKIRT
 - (e) SWEATER.

⇒ (c) BLOUSE is odd man out.



Q. # 8(d)

$$3 + 8 + 8 + 3 + 2$$

$$+ 3 + 3 + 4$$



Total Triangles = 34

