

(SECTION-B)

Q: NO: 08

(C)

Find the odd man out = ?

- (a) The correct word from THRSI is SHIRT.
- (b) The correct word from AOTC is COAT.
- (c) The correct word from EOUBSL is BLOUSE.
- (d) The correct word from KTRIS is SKIRT.
- (e) The correct word from RETAEWS is SWEATER.

Hence:

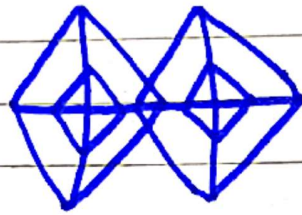
SHIRT, COAT, BLOUSE, and SWEATER are upper body wearings but SKIRT is lower body wearing.

So, the odd ^{one} from above is SKIRT.

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(D)

No. of triangles = ?



Each figure contains number of
triangles = 12

For two figures, no. of triangles
will be:

$$12 + 12 = 24$$

The point where these two figures
are connected, two triangles formed.

$$\text{Thus, total no. of triangles} = 24 + 2 \\ = 26$$

(A)

No. of houses = 5 (A → E) in a row.

∴ A is to the right of B.

$$\boxed{B} \rightarrow \boxed{A}$$

∴ E is to the left of C.

$$\boxed{E} \leftarrow \boxed{C}$$

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$\therefore E$ is to the right of A .

$$A \rightarrow E$$

$\therefore B$ is to the right of D .

$$D \rightarrow B$$

By organizing all houses,

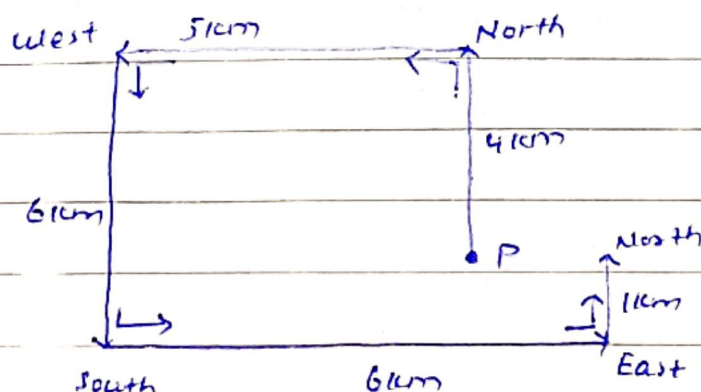
$$D \rightarrow B \rightarrow A \rightarrow E \leftarrow C$$

Hence, House A is in the middle.

(B)

Let's point P .

- 1) Running from P towards north = 4 km
- 2) Turn left and run = 5 km
- 3) Turn left again and run = 6 km
- 4) Turn left once again and run = 6 km
- 5) Before finishing left turn and run = 1 km



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* How many km are you from the place you started?

$$\begin{aligned}\text{sum of all distances} &= 4\text{km} + 5\text{km} + 6\text{km} + 6\text{km} + 1\text{km} \\ &= 22\text{km}\end{aligned}$$

Hence, 22km covered from the starting point.

* In which direction will you be running while finishing?

East direction

* After taking the second turn, in which direction will you be running?

South direction

* From the finishing point, if you have to reach the point from where you started, in which direction will you have to run?

West direction

(B)

Given data:

Selling 17 balls at price = Rs. 720

Loss equal to the cost price of 5 balls.

It means:

$$17 - 5 = 12 \text{ balls price is } 720.$$

To find:

Price of 1 ball is = $\frac{720}{12}$

$$= 60 \text{ Rs.}$$

Hence, the cost price of 1 ball is

Rs. 60.

(C)

Given data:

Man older than his son = 24 years

Age of son = x

Age of man = $24 + x$

In two years, age of man will ^{be} twice of his son's age.

Age of son after 2 years = $x + 2$

Age of father after 2 years = $24 + x + 2$
 $= x + 26$

To find:

Present age of son = ?

	Age now	Age in 2 years
Man	$x+24$	$x+24+2 = x+26$
Son	x	$x+2$

In two years,

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

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

$$26-4 = 2x-x$$

$$\boxed{22 = x}$$

Hence,

the present age of son = 22 years

" " of Man = $x+24$

$$= 22+24 = 46 \text{ years.}$$

(D)

Given Data:

	Time	Pages
Rashid	6 hours	32
Kamran	5 hours	40

$$\begin{array}{r} 5.33 \\ 6 \overline{) 32} \\ \underline{30} \\ 20 \\ \underline{18} \\ 2 \end{array}$$

Rashid takes time for 1 page = $32/6$

$$= 5.33 \text{ minutes}$$

Kamran takes time for 1 page = $40/5$

$$= 8$$