

Puzzles

28/05/24

- Three persons named Georgia, Rio and Austin are staying in three different places among Georgia, Rio and Austin. They were born in three different places among the cities Georgia, Rio and Austin. It is observed that no two among their name, birthplace and the place in which they stay are the same. It is also given that Georgia stays in Austin. Then find:

Austin stays in Rio.

Rio was born in Austin.

Name	Birth places	staying
Georgia	Rio	Austin
Rio	Austin	Georgia
Austin	Georgia	Rio

- Four persons A, B, C, D participated in a race in four different four wheelers. The four wheelers were name Ther, Scorpio, XUV300 and Bolero. A won the race but he did not own the Ther. C owns the scorpio, but he is not the second one to complete the race. The person who owns the Ther completed the race immediately before B. B does not own the XUV300

Name	Rank	Car
A	1	Tharx XUV300
B	3	Tharx Bolera
C	2x 4	scorpio
D	2	Thar

Tharx
↑
B

3. Each of five players - Rohit, Rahul, Virat, Dravid & Sehwag - plays a different game among Cricket, Hockey, Badminton, Basketball and Tennis. They live in five different cities - Mumbai, Kolkata, Delhi, Chennai and Hyderabad. The following information is also known about them: (i) Dravid plays neither Cricket nor basketball. (ii) Rahul is not a basketball player (iii) Sehwag does not play Tennis and the Tennis player does not live in Delhi. (iv) Sehwag and Virat do not live in Chennai or Hyderabad and neither of them plays Hockey or Basketball. (v) The person living in Chennai plays neither Tennis nor Badminton. (vi) Rohit and Rahul do not play Tennis or Badminton and they do not live in Delhi or Chennai. (vii) The cricketer does not live in Hyderabad or Mumbai.

Names	Game	City
Rohit		
Rahul		
Virat		
Drauid		
sehwag		

TX BMX

Tennis → Del x

BB x T, BMX T, XB

Cx Hx, H, BxB

cricket x BBx

~~Tennis x Del x~~

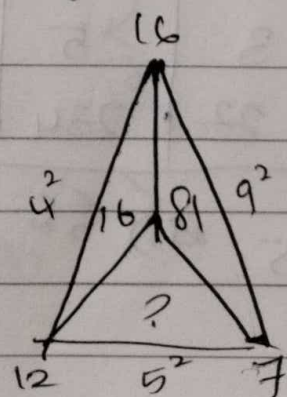
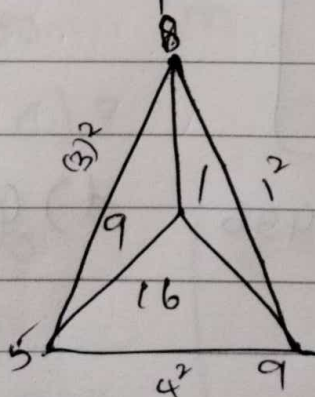
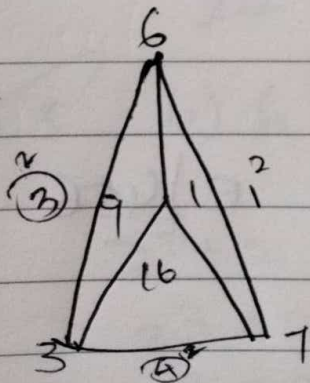
Hockey x BBx

C x Hx

Names	Game	City
Rohit	TX BMX Basket Ball	del x chenn x Hyderabad.
Rahul	BBx BMX Cricket	del x chenn x Hyderabad x Kolkata
Virat	Hx BB Tennis	Cx Hyx del x chenn x Mumbai
Drauid	Cx BBx TX BMX Hockey	chennai
sehwag	TX Hx BB Badminton	Cx Hyx Hx B Delhi

Tennis → Del x, chen → Tennis x Badm x
cricket → Hyd x Mum x

4) what number will replace the question mark?



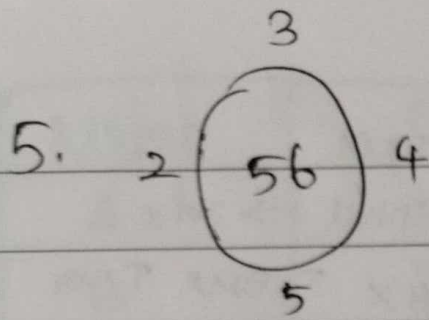
a) 30

b) 16

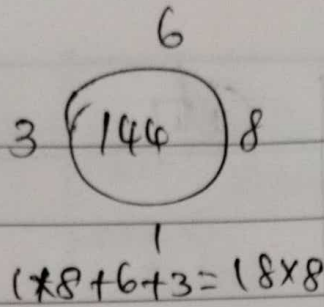
c) 9

d) 25

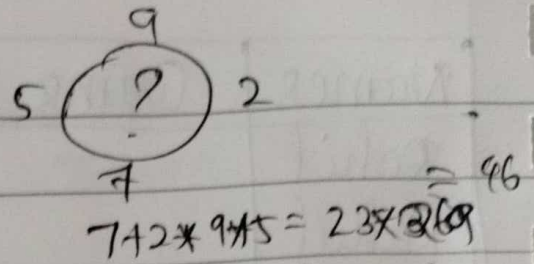
e) 1



$$2+3+4 \times 5 = 14 \times 4$$

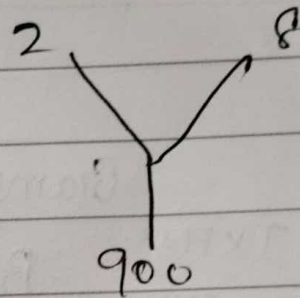
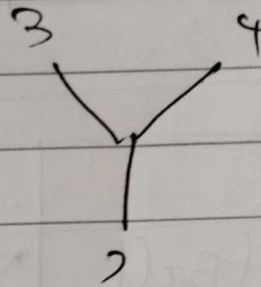
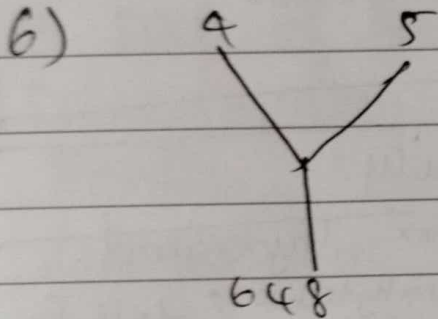


$$1 \times 8 + 6 + 3 = 18 \times 8$$



$$7+2 \times 9 \times 5 = 23 \times 268 = 96$$

a) 234 b) 69 c) 334 d) 179 ~~e) Cannot be determined~~



~~a) 294~~ b) 784 c) 894 d) 564 e) 594

$$2+8=10 \Rightarrow 10^3 - 10^2 = 900$$

$$1000 - 100 = 900$$

$$4+5=9$$

$$9^3 - 9^2 =$$

$$729 - 81 = 648$$

$$3+4=7$$

$$7^3 - 7^2 =$$

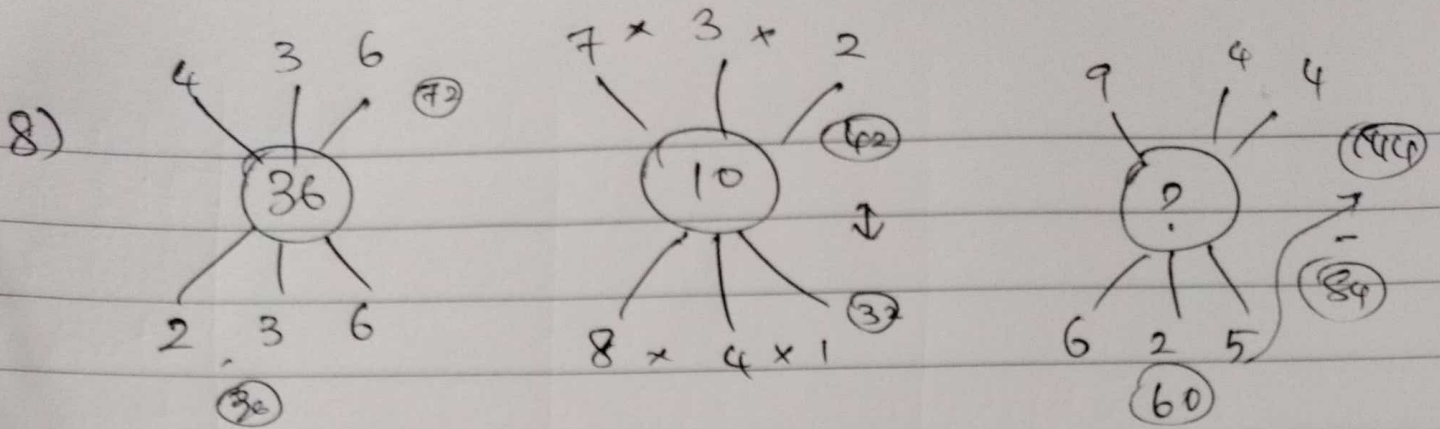
$$343 - 49 = 294$$

7

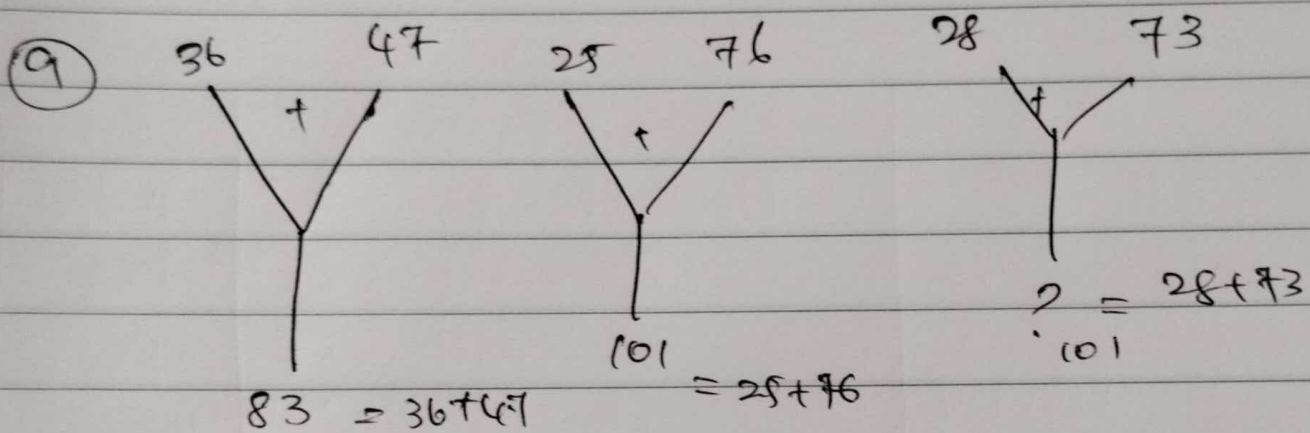
4	8	9
2	6	7
3	5	1
22	234	?

$$9 \times 7 \times 1 = 63 - 7 = 56$$

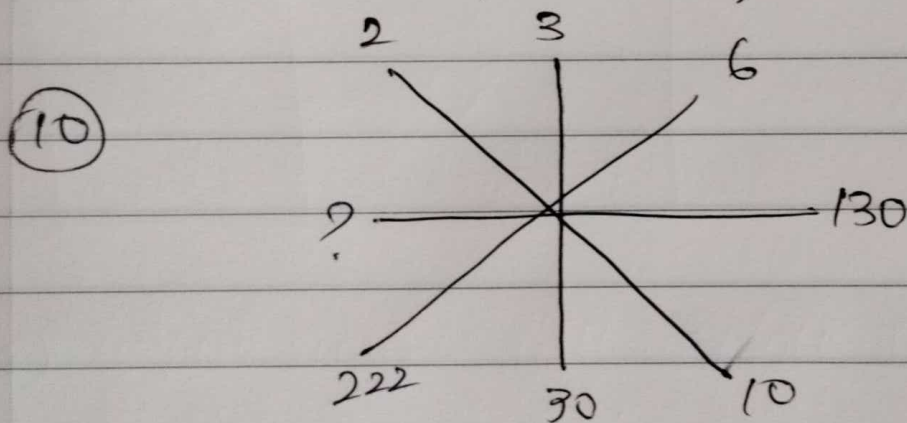
a) 65 b) 56 c) 436 d) 446 e) 456



a) 84 b) 36 c) 44 d) 25 e) None of these.



a) 101 b) 130 c) 201 d) 91 e) 301



a) 5 b) 6 c) 7 d) 12 e) 15

$$\begin{array}{l|l}
 2^3 + 2 = 10 & 5^3 + 5 = 130 \\
 3^3 + 3 = 30 & \\
 6^3 + 6 = 222 &
 \end{array}$$

130 \Rightarrow