

DATA INTERPRETATION

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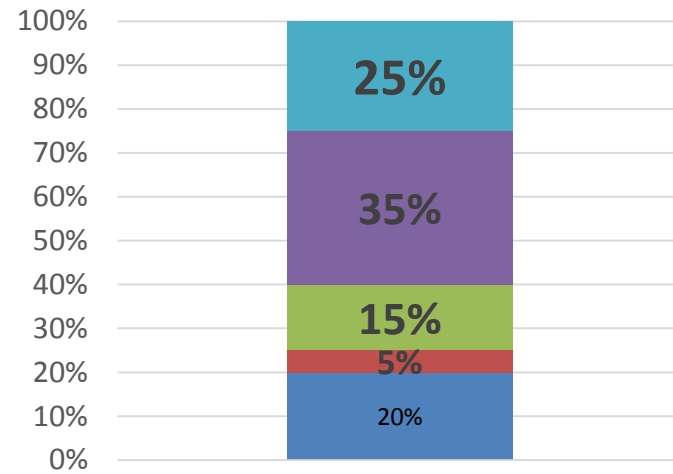
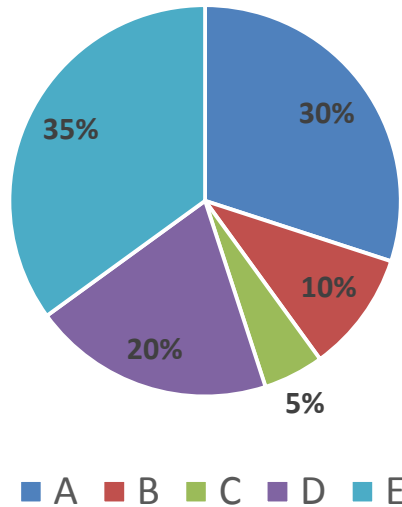
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1) The ratio of the quantity of milk in container A and E is 44:35, respectively. The ratio of milk and water in container E is 1:1 respectively. What would be the difference between the total quantity of milk in the 2 containers combined and the total quantity of water in the 2 containers combined?

- a) 4200 litres b) 1250 litres
c) 3500 litres d) 1200 litres e) None of the above

Liquid in container (25000 litres)



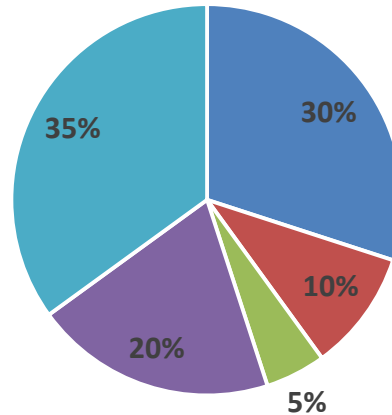
Liquid in Tanks (30000 litres)

P Q R S T

2) Ratio of the quantity of milk and water in tanks Q, R, S and T was 2:1, 1:1, 4:1 and 2:3, respectively. The total quantity of water in the 4 tanks combined was what percentage of total quantity of milk in the 4 tanks combined?

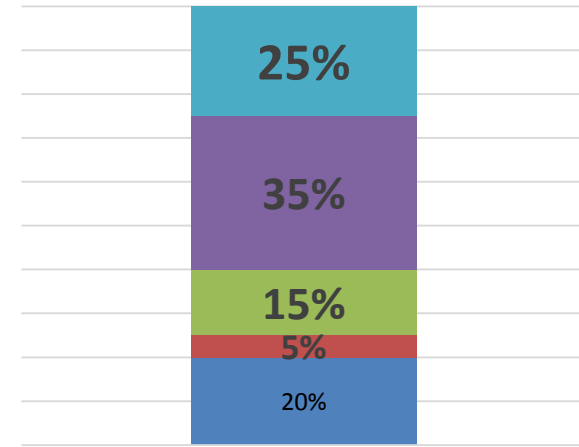
- a) 84.03% b) 75.62% c) 71.91%
d) 63.82% e) 46.23%

Liquid in container
(25000 litres)



■ A ■ B ■ C ■ D ■ E

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%



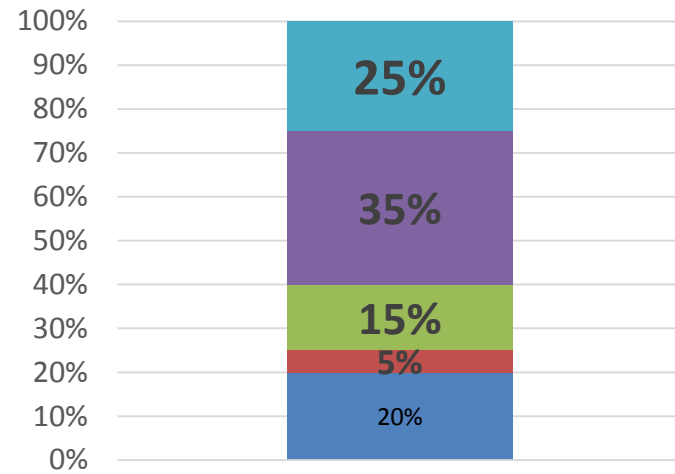
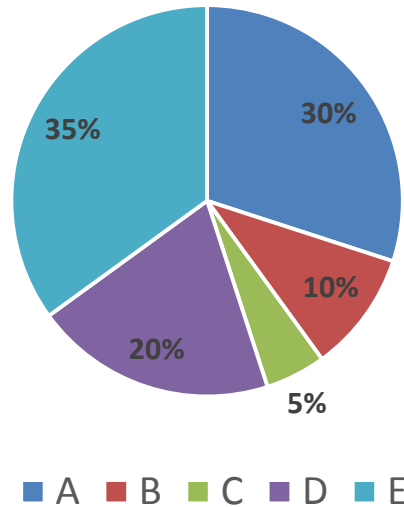
Liquid in Tanks (30000
litres)

■ P ■ Q ■ R ■ S ■ T

3) The ratio of milk and water in container A and E is 11:4 and 1:1, respectively and in tank P is 3:2, respectively. Entire mixture of tank P and containers A and E are put into a drum. How much milk should be added so that the ratio of milk and water in the drum becomes 548:351, respectively?

- a) 400 litres b) 225 litres c) 75 litres
d) 175 litres e) None of the above

Liquid in container (25000 litres)



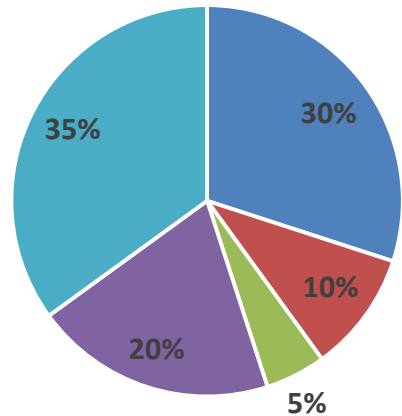
Liquid in Tanks (30000 litres)

P Q R S T

4) The ratio of quantity of milk and water in container C and container D was 4:1 and 1:4, respectively. 'x'% of mixture is transferred from container C to container D and then the ratio of quantity of milk and water in container D becomes 8:27, respectively. Find the value of x.

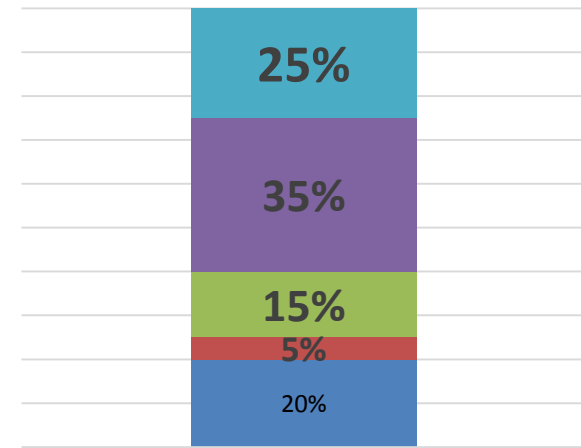
- a) 5% b) 12.5% c) 30%
d) 25%
e) None of the above

Liquid in container
(25000 litres)



■ A ■ B ■ C ■ D ■ E

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%



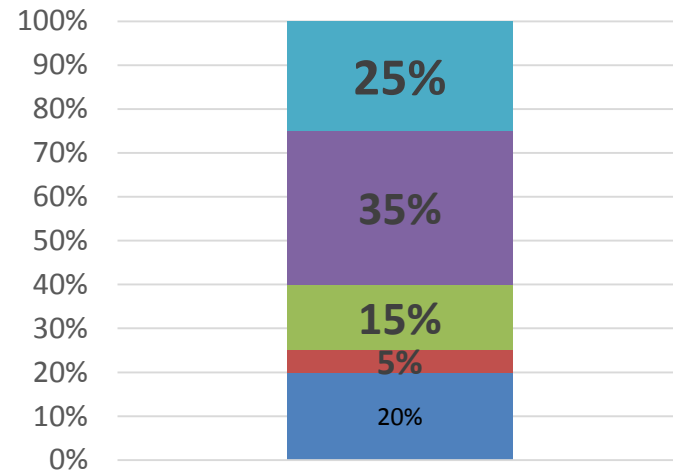
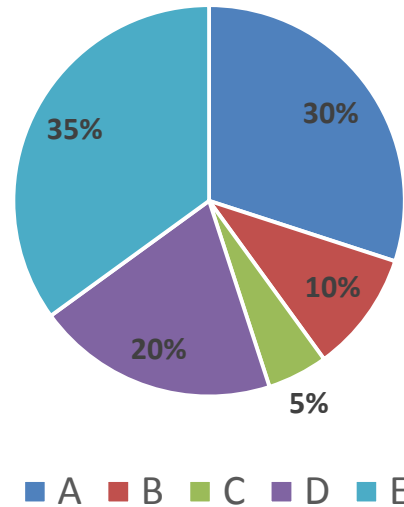
Liquid in Tanks (30000
litres)

■ P ■ Q ■ R ■ S ■ T

5) A cylindrical tank has radius and height in the ratio of 1:7, respectively. The curved surface area of the cylinder is 176 m². If the entire quantity from tank P, tank T and container B is put into this cylindrical tank, then what percentage of this cylindrical tank would still be empty?

- a) 90.91% b) 72.75% c) 83.51%
d) 51.45% e) 65.23%

Liquid in container
(25000 litres)



Liquid in Tanks (30000
litres)

P Q R S T