Time left 0:04:52

Question 1

Not yet answered

Marked out of 1.00

Revenue Distribution of a Company
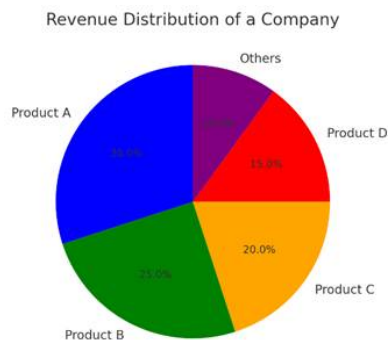
The company generates revenue from **Product A, Product B, Product C, Product D, and Other Products**. The chart shows the percentage share of each product in total revenue.

If the company's total revenue for the year was **$500 million**, how much revenue did **Product B** generate?

- ○ a. $125 million
- ○ b. $100 million
- ○ c. $175 million
- ○ d. $150 million

Question 2

Not yet answered

Marked out of 1.00

A **cloud-based request handling system** operates using a **stack implemented with two queues**. The system must support **push operations in O(1) time**.

How many enqueue/dequeue operations are required to support the following sequence of stack operations?

push(10)
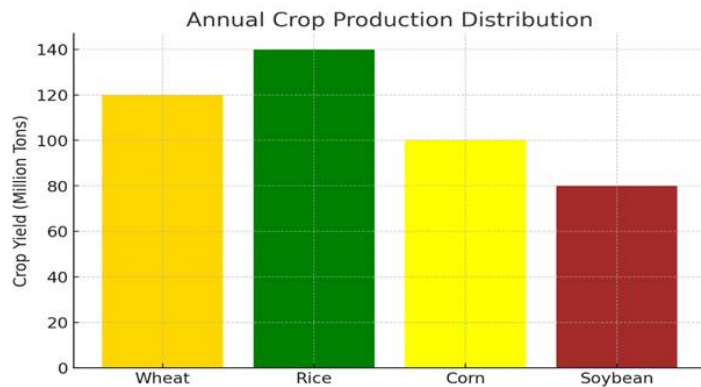
push(20)

pop()

push(30)

push(40)

pop()

- ○ a.   7 enqueue 5 dequeue
- ○ b.   8 enqueue 5 dequeue
- ○ c.   7 enqueue 6 dequeue
- ○ d.   8 enqueue 6 dequeue

Question 3

Not yet answered

Marked out of 1.00

The question is based on the given bar chart that shows the **annual crop production** in million tons for **Wheat, Rice, Corn, and Soybean**.

Annual Crop Production Distribution

If a **drought** affected **Corn production** reducing its yield by **20%**, what would be the new production value for Corn?

○ a.   110 million tons

○ b.   90 million tons

○ c.   100 million tons

○ d.   80 million tons

Question 4

Not yet answered

Marked out of 1.00

Three players, **X, Y, and Z**, participated in a football league. The ratio of the number of goals by **X to Y** and the ratio of the number of goals by **Y to Z** is **each 4:3**.

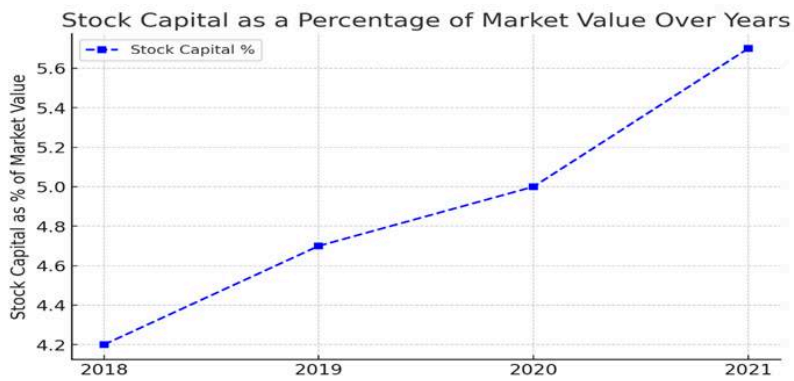They scored a **total of 400 goals** in the season.

How many goals did **Player X** score?

○ a.   172

○ b.   128

○ c.   144

○ d.   160

Question 5

Not yet answered

Marked out of 1.00

Stock Capital as a Percentage of Market Value Over Years

A company's financial team is analyzing the **stock capital as a percentage of total market value** over the past four years.

Year	2018	2019	2020	2021
Stock Capital ($M)	50	70	90	120
Market Value ($M)	1200	1500	1800	2100

In which year was the **stock capital as a percentage of market value** the highest?

○ a.   2020

○ b.   2018

○ c.   2019

○ d.   2021