

# ← Shared conversation

# 1. Rational Numbers - Case Study

Case Study: Ravi was helping his father distribute fertilizers evenly across four parts of their field. Each part required a different quantity:

- Part A:  $\frac{3}{4}$  kg
- Part B:  $\frac{5}{6}$  kg
- Part C:  $\frac{7}{8}$  kg
- Part D:  $\frac{2}{3}$  kg He needed to calculate the total quantity of fertilizer required.

#### MCQs:

Q1. What is the total quantity of fertilizer Ravi needs?

Grade 8 Math MCQs

Anonymous · 20 Jul 2025 10:39:16 am

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### 1. Knowing Our Numbers - Case Study

### Case Study:

A school is collecting funds to build a new library. They received ₹25,43,000 from the government, ₹8,75,400 from donors, and ₹1,32,600 from a fundraising event. The principal needs to calculate the total funds collected.

#### MCQs:

Q1. What is the total amount collected?

- A) ₹35,51,000
- B) ₹35,48,000
- C) ₹35,51,200
- D) ₹35,51,400

Answer: D

**Q2**. What is the value of the digit 8 in the number ₹8,75,400?

- A) 800
- B) 80,000
- C) 8,00,000
- D) 8

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Ask anything



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- B) ₹35,48,000
- C) ₹35,51,200
- D) ₹35,51,400

**Answer**: D

- **Q2**. What is the value of the digit 8 in the number ₹8,75,400?
- A) 800
- B) 80,000
- C) 8,00,000
- D) 8

**Answer:** C

- **Q3.** Round ₹1,32,600 to the nearest thousand.
- A) ₹1,33,000
- B) ₹1,32,000
- C) ₹1,35,000
- D) ₹1,30,000

Answer: A

# 2. Fractions - Case study



Ask anything



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# 2. Fractions - Case Study

### Case Study:

Priya ate  $rac{1}{4}$  of a chocolate bar, her brother ate  $\frac{2}{5}$ , and her sister ate  $\frac{3}{10}$ . Their mother wants to know how much of the chocolate bar is left.

### MCQs:

Q1. How much of the chocolate bar did they eat in total?

- A)  $\frac{19}{20}$ B)  $\frac{4}{5}$ C)  $\frac{9}{10}$

**Answer:** D

Q2. How much of the chocolate bar is left?

- A)  $\frac{3}{20}$
- B)  $\frac{1}{10}$
- C)
- D)  $\frac{2}{5}$



**Answer:** A



Ask anything



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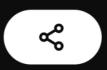






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Q3. Who ate the most chocolate?

- A) Priya
- B) Brother
- C) Sister
- D) All equal

**Answer:** B

# 3. Rational Numbers - Case Study

## Case Study:

Arun is solving a puzzle involving temperatures. The morning temperature was -5°C, afternoon was 3°C, and night fell to -2°C. He recorded these as rational numbers and calculated the average temperature.

#### MCQs:

Q1. What is the ave f the three temperatures?



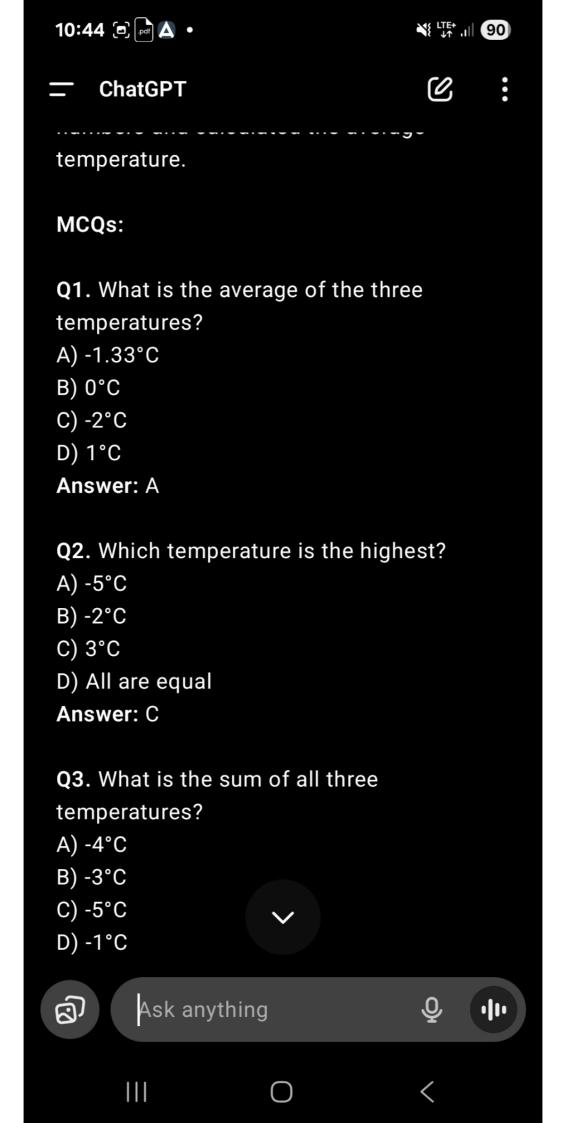
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# 4. Symmetry - Case Study

### Case Study:

Ritu is designing rangoli for a school event. She wants to use symmetrical patterns. She draws a square, an equilateral triangle, and a circle. Her teacher asks how many lines of symmetry each shape has.

#### MCQs:

Q1. How many lines of symmetry does a square have?

- A) 2
- B) 4
- C) 3
- D) 1

**Answer:** B

**Q2**. How many lines of symmetry does a circle have?

A) Infinite



Ask anything











