

Question Bank PT-2 Maths Class 4

Ch 8 Fractions

Q1 Solve the following :-

1. Which of the following is an example of an improper fraction:-

- a) $\frac{21}{85}$ b) $\frac{41}{74}$ c) $\frac{17}{96}$ d) $\frac{5}{3}$

2. If you have $\frac{3}{4}$ of a chocolate bar and eat $\frac{1}{4}$ of it, how much is left

- a) $\frac{2}{4}$ b) $\frac{1}{2}$ c) $\frac{3}{4}$ d) $\frac{1}{4}$

3. Which of the following fractions is equivalent to $\frac{3}{4}$?

- a) $\frac{6}{8}$ b) $\frac{8}{6}$ c) $\frac{9}{8}$ d) $\frac{11}{8}$

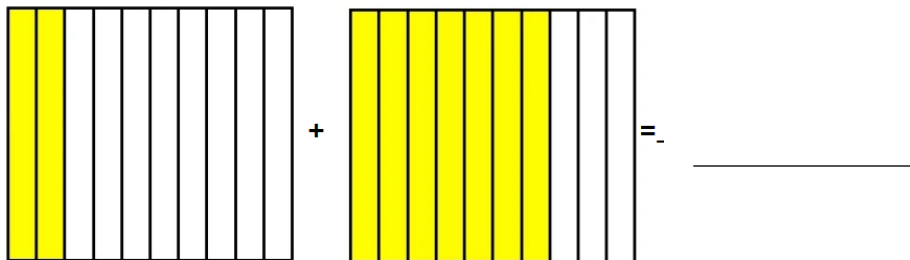
4. **Assertion:** $\frac{11}{5}$ is an improper fraction.

Reason: An improper fraction has a numerator that is greater than or equal to the denominator.

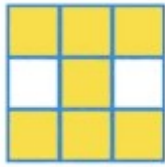
- a) Both assertion and reason are correct, and the reason is the correct explanation for the assertion.
b) Both assertion and reason are correct, but the reason is not the correct explanation for the assertion.
c) The assertion is correct, but the reason is incorrect.
d) The assertion is incorrect, but the reason is correct.

Q2 Solve the following

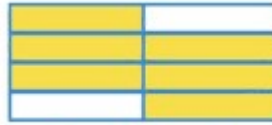
1. Observe the given figures and add the fraction of the shaded region.



2. Observe the given figures and express the given shaded region in the form of fractions.

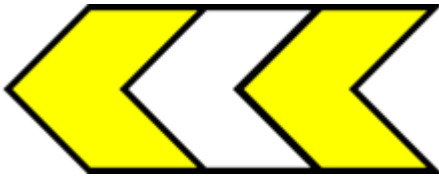


(a)

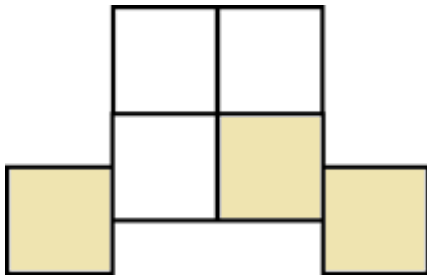


(b)

3. What fraction of the given shape is not shaded?



4. Observe the image and answer the following questions.



1. How many equal parts are there?
2. How many parts are shaded?
3. What fraction is shaded?

Rewrite the fractions in Ascending order and Descending order

4. a) $\frac{5}{12}, \frac{7}{12}, \frac{1}{12}, \frac{3}{12}, \frac{9}{12}$

5. In a class of 20 students, 8 are boys. What fraction of the class is made up of girls?

6. There are 24 marbles in a jar, and 9 of them are blue. What fraction of the marbles are not blue?

7. Write first three equivalent fractions for:- $\frac{1}{3}$ and $\frac{4}{6}$

8. Express the mixed fraction as improper fraction:- a) $2\frac{1}{5}$ b) $3\frac{5}{8}$

9. Compare the fractions

$\frac{5}{4}$ and $\frac{6}{7}$

5. In a sports event, three athletes recorded jumps of 7.215 metres, 7.21 metres, and 7.225 metres. Which athlete recorded the longest jump?

- a) First athlete (7.215 m)
- b) Second athlete (7.21 m)
- c) Third athlete (7.225 m)
- d) All jumps are equal

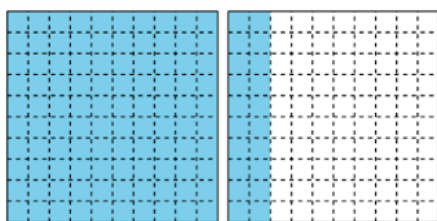
6. **Assertion (A):** The digit 5 in 4.53 has a place value of five tenths.

Reason (R): In a decimal number, the first digit to the right of the decimal point represents the tenths place.

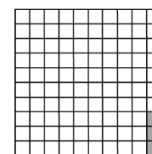
- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true, but R is false.
- d) A is false, but R is true.

6. Observe the given figure and express the shaded region in decimal form and fraction form.

7. Observe the given figure and express the images in decimal form



= _____



8. a) Leena is filling containers with water. The first container holds 0.01 litres, the second 0.03 litres, and the third 0.05 litres. If the pattern continues, how much water will the fourth container hold?

b) A plant grows at a steady rate. On the first day, it grows 7.2 cm, on the second day 7.4 cm, and on the third day 7.6 cm. If the growth continues at the same rate, how much will it grow on the fourth day?

9. Observe the decimals carefully and answer the following :-

a) Sia and Jatin are filling two containers with water. Sia's container has 0.45 litres of water, and Jatin's container has 0.5 litres of water. Which container has more water?

b) Lalit and Sameer are comparing the amount of juice in their glasses. Lalit's glass has 0.75 litres of juice, while Sameer's glass has 0.57 litres. Is the amount of juice in Lalit's glass less than the amount in Sameer's glass?

10. Case study:-

Riya went to a grocery store with her mother. They bought the following items:

A packet of flour for ₹ 2.75

A bottle of juice for ₹1.50

A bar of chocolate for ₹ 0.85

- a) Riya's mother asked her to arrange the items bought in ascending order of their price.
- b) From the given items, mention the item bought which has ones place with greatest value.

CH 10 -The Metric system

Q1.Choose the correct option:

1. What is the base unit of volume in the metric system?

- a) Cubic metre b) Litre c) Gallon d) Millilitre

2.Rita has 3 jugs of capacity 1 litre each. How many millilitres of water can he pour in these jugs?

- a)3 100ml b) 3 300ml c)3 200 ml d)3000ml

3.Which of the following is measured in litre?

- a)Juice b) Soap c) Potato d)Ice-Cream

5.How many millimetres are there in 12 centimetres?

- A) 1,200 mm B) 120 mm C) 12 mm D) 1.2 mm

6)Kim's mother asked her to get some juice from the jug. She poured 250ml juice in a glass. How much juice is left in the jug now?

- a)500 millilitres b)550millilitres
c)600 millilitres d)750millilitres

7. Which of the following is the correct order of units of length, from the smallest to the largest?

- A) Kilometre, Metre, Centimetre, Millimetre
- B) Millimetre, Centimetre, Metre, Kilometre
- C) Metre, Centimetre, Millimetre, Kilometre
- D) Centimetre, Kilometre, Metre, Millimetre

8.Assertion: To convert from kilometres to metres, we multiply by 1,000.

Reason: 1 kilometre equals 1,000 meters, so multiplying by 1,000 converts kilometres to metres.

- A) Both assertion and reasoning are correct, and reasoning is the correct explanation for assertion.
- B) Both assertion and reasoning are correct, but reasoning is not the correct explanation for assertion.
- C) The assertion is correct, but the reasoning is incorrect.
- D) The assertion is incorrect, but the reasoning is correct.

2. **Assertion:** To measure the length of a book, we use centimetres

Reason: Centimetres are appropriate for measuring the length of objects that are shorter than a metre, like a book.

- A) Both assertion and reasoning are correct, and reasoning is the correct explanation for assertion.
- B) Both assertion and reasoning are correct, but reasoning is not the correct explanation for assertion.
- C) The assertion is correct, but the reasoning is incorrect.
- D) The assertion is incorrect, but the reasoning is correct.

Q3. Riya has a ribbon that is 5 metres 50 centimeters long. She cut off 2 meters 25 centimetres from it. What is the remaining length of the ribbon?

Q4. A Jug holds 1090 mL of juice. How many juice cups of 130 mL each can it fill?

Q5. Paul saw a giant fish that was 600 cm long in an aquarium. Help Paul calculate its length in mm.

Q6. Mona started travelling from Rajkot to Ahmedabad on Monday by walking and reached there on Sunday .Here is the table of how much distance she covered on each day.

Monday	7 Km 725 m
Tuesday	13 Km 382m
Wednesday	12Km 493m
Thursday	9Km 82m
Friday	11 Km 392 m
Saturday	13 Km 183 m
Sunday	8Km 193 m

- A) When did she travel maximum distance?
- B) How much more distance did she travel on Friday than Thursday.
- C) On which day did she cover the least distance.

Q7.A calf drinks around 5 litres of milk everyday .How much milk will it consume in two weeks.

Q8. A 4 L 250 mL of juice was made by Priya for birthday party .After party 500 mL juice was left .How much juice did all guests have.

Q9.A rickshaw carries 236 kg 650 of potatoes and onions twice the weight of onion .Find the total weight of the potatoes and onion.

Q10. Case study -based question:

Rani takes care of deer and wild bulls in the zoo.The deer weighs 184kg 280 g and a wild bull weighs 856kg 380 g .Answer the following questions.

- 1) If the both the animals stand on a weighing machine together what will be the total weight shown on the machine?
- 2) By how much is a bull heavier than deer?
- 3) If a deer eats 12kg 500g grass in a week .How much grass will be eaten by a deer in 42 days?

