

Correction in STD 2 Text Book

Chapter 3: Multiplication

- 1) Example - $7 \times 2 \times 2 = 28$. In this 7, 2, 2 are the factors and 28 is product.
- 2) The order in which the numbers are multiplied does not change the answer. $5 \times 2 = 2 \times 5 = 10$
- 3) Solved Example 1: $2 \times 6 \times 3 = 6 \times \square$

Exercise 3:

Q1: $4 \times 7 = 7 \times 2 \times \square$

Q5: Put correct sign. $6 \times 9 \square 7 \times 8$

Q10: $55 \times 10 = ?$

Q13: $\square \times 9 = 81$

Q19: When you multiply $27 \times 27 \times 37$. What will be the digit in the units place of their product?

Q26: Which of the following is not true?

(1) $9 \times 6 > 7 \times 8$

(2) $11 \times 5 < 12 \times 5$

(3) $8 \times 5 = 4 \times 10$

(4) $6 \times 8 > 4 \times 11$

Chapter 4: Fractions

YOU MUST KNOW

- Fraction is a part of a whole or collection.
- The number above the bar is called Numerator which represents the part.
- The number below the bar is called Denominator which represents the total number of equal parts of the collection or the whole.
- Example - $\frac{1}{4}$, in this 1 is the Numerator and 4 is Denominator.

IMPORTANT FACTS

- Half of a whole is denoted by $\frac{1}{2}$
- Quarter of a whole is denoted by $\frac{1}{4}$ or one fourth.
- 3 quarters of a whole is denoted by $\frac{3}{4}$ or three fourth.

Solved examples

1. A quarter part added to half part is represented by the fraction.

- (1) $\frac{1}{4}$ (2) $\frac{1}{2}$ (3) 1 (4) $\frac{3}{4}$

Ans - 4

Explanation – Half is in effect 2 quarter and hence when a quarter part is added to half part it gives 3 quarters in all which is $\frac{3}{4}$.

2. What is the denominator in $\frac{3}{13}$.

- (1) 3 (2) 13 (3) $\frac{3}{13}$ (4) 16

Ans – 2

Explanation – The denominator represents the total number of equal parts made which is the number below the line.

3. Find out the fraction of alphabet M in the word GRAMMATICAL.

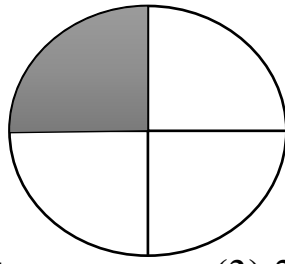
- (1) $\frac{1}{11}$ (2) $\frac{1}{10}$ (3) $\frac{2}{11}$ (4) $\frac{2}{10}$

Ans- 3

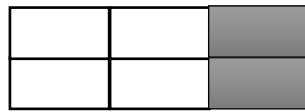
Explanation – There are total 11 alphabets out of which are alphabet M is 2.

Exercise 4

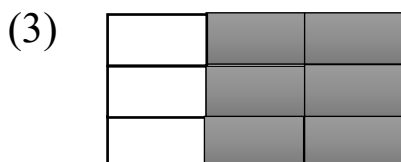
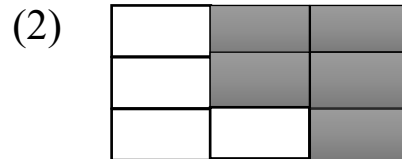
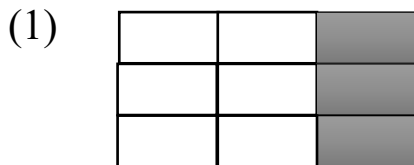
1. Write the correct Denominator for the shaded part in the figure shown.



- (1) 4 (2) $\frac{1}{4}$ (3) 2 (4) None
2. Select the correct fraction for the shaded figure shown below.



- (1) $\frac{1}{2}$ (2) $\frac{3}{6}$ (3) $\frac{2}{6}$ (4) $\frac{1}{6}$
3. Select the shape which represents the half.

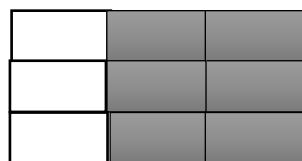


(4) None of these

4. I have a pizza and I ate 2 quarters of the pizza. How much pizza did I eat?

- (1) Half (2) $\frac{1}{4}$ (3) quarter (4) 1

5. Tell the fraction following figure represent for the unshaded part.



- (1) Half (2) $\frac{3}{10}$ (3) $\frac{6}{9}$ (4) $\frac{3}{9}$

6. In the word SANIYA what fraction of alphabets are made of vowels?

(1) $\frac{1}{6}$

(2) 3

(3) $\frac{3}{6}$

(4) $\frac{2}{6}$

7. The teacher has one bar of Dairy milk with 8 equal pieces. She gave one piece to each student who stood first in English , Math and Science. Three students received the chocolate piece. How much portion of chocolate is left with the teacher?

(1) $\frac{3}{8}$

(2) 5

(3) $\frac{5}{8}$

(4) 1

8. In the word MATHEMATICS what fraction represents the alphabet “M”?

(1) $\frac{1}{11}$

(2) $\frac{2}{11}$

(3) 2

(4) $\frac{2}{10}$

9. Numerator in $\frac{9}{10}$ is :

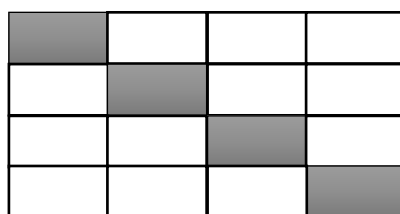
(1) 9

(2) 10

(3) $\frac{1}{10}$

(4) $\frac{1}{9}$

10. I shaded few parts of the following figure. Choose the fraction that represents the shaded part.



(1) $\frac{1}{2}$

(2) $\frac{4}{16}$

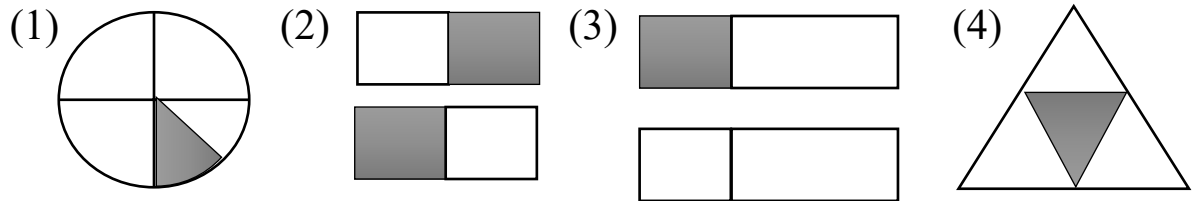
(3) $\frac{4}{12}$

(4) $\frac{2}{16}$

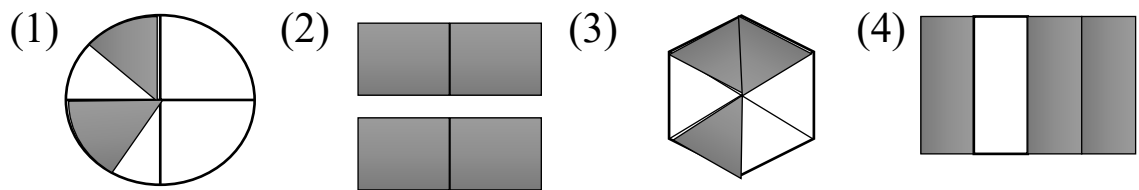
11. Swapnil has a chocolate which he cut in 9 equal pieces. Gauri ate $\frac{3}{9}$ chocolate and Swapnil ate $\frac{4}{9}$ chocolate. Who ate more chocolate?

- (1) Gauri (2) Swapnil (3) None (4) Can't say

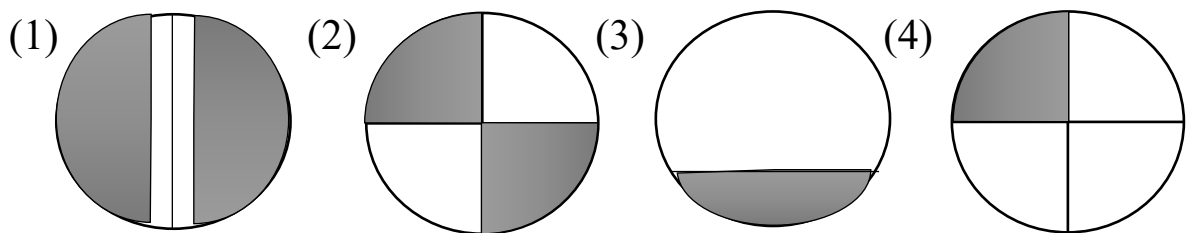
12. Mark the shape in which shaded part is quarter fraction?



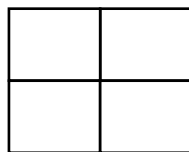
13. The shaded portion of which of the following shapes represent the fraction $\frac{3}{4}$?



14. Select the shape in which the un-shaded portion shows half fraction?



15. How many parts should be shaded to make $\frac{1}{2}$ part shaded?

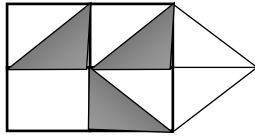


- (1) 1 (2) 2 (3) 3 (4) 4

16. In a bag there are 12 oranges, 15 apples, 5 bananas and 16 watermelons. What fraction of the fruits are oranges?

- (1) $\frac{5}{12}$ (2) $\frac{1}{3}$ (3) $\frac{3}{16}$ (4) $\frac{1}{4}$

17. What portion of the give figure is unshaded?



(1) $\frac{3}{10}$

(2) $\frac{7}{10}$

(3) $\frac{3}{5}$

(4) $\frac{8}{10}$

18. In the word 'TERGIVERSATION' what fraction of letters represents the vowels?

(1) $\frac{7}{14}$

(2) $\frac{5}{12}$

(3) $\frac{8}{14}$

(4) $\frac{6}{14}$

19. A cake is cut into 11 equal pieces. Devesh ate 3 pieces and Nakoma ate the remaining cake. What fraction of cake was eaten by Nakoma?

(1) $\frac{8}{11}$

(2) $\frac{3}{11}$

(3) $\frac{5}{11}$

(4) None

20. Messi practices football for 9 hours a day. What fraction of the day does Messi practices football?

(1) $\frac{3}{8}$

(2) $\frac{1}{3}$

(3) $\frac{15}{24}$

(4) None

21. Ajinkya ate $\frac{4}{15}$ of pizza and Shail ate $\frac{8}{15}$ of the same pizza. Raunak ate the remaining part of the same pizza. How much pizza did Raunak eat?

(1) $\frac{6}{15}$

(2) $\frac{5}{15}$

(3) $\frac{2}{15}$

(4) $\frac{3}{15}$

22. Solve : $\frac{7}{8} + \frac{12}{18} - \frac{6}{18}$

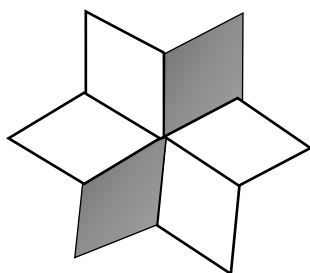
(1) $\frac{25}{18}$

(2) $\frac{13}{54}$

(3) $\frac{13}{18}$

(4) None

23. What fraction of the given figure is shaded?



- (1) $\frac{1}{4}$ (2) $\frac{2}{4}$ (3) $\frac{2}{6}$ (4) $\frac{4}{6}$

24. In the word “DISCOVERY” what fraction represents the vowels?

- (1) $\frac{1}{3}$ (2) $\frac{2}{3}$ (3) $\frac{4}{9}$ (4) $\frac{8}{9}$

25. By how much is $\frac{19}{20}$ greater than $\frac{2}{20}$?

- (1) $\frac{21}{20}$ (2) $\frac{21}{40}$ (3) $\frac{17}{20}$ (4) $\frac{17}{40}$

26. What fraction of a rupee is 35 paise?

- (1) $\frac{20}{30}$ (2) $\frac{7}{20}$ (3) $\frac{10}{40}$ (4) $\frac{5}{14}$

27. What fraction from the following will be added to $\frac{11}{21} + \frac{6}{21} + ?$ To make the result in a whole?

- (1) $\frac{17}{21}$ (2) $\frac{8}{21}$ (3) $\frac{7}{21}$ (4) $\frac{4}{21}$

28. If your mother take 45 minutes to prepare lunch for the family, what fraction of an hour does she take to prepare the lunch?

- (1) $\frac{1}{3}$ (2) $\frac{3}{4}$ (3) $\frac{1}{4}$ (4) $\frac{4}{5}$

29. Sindhu practice badminton for 8 hours a day. What fraction of the day does she practice badminton?

- (1) $\frac{8}{12}$ (2) $\frac{16}{24}$ (3) $\frac{2}{3}$ (4) $\frac{1}{3}$

30. In a bag there are 3 twenty paise coins, 4 twenty five paise coins, 6 ten paise coins and 5 five paise coins. What fraction of the coins are twenty five paise coins?

- (1) $\frac{1}{3}$ (2) $\frac{1}{5}$ (3) $\frac{3}{5}$ (4) $\frac{2}{9}$

Chapter 6: Time & Calendar

Exercise 6:

Q5: The time in Aditi's watch is 2:10pm. The minute hand will be at?

- (1) 7 (2) 1 (3) 2 (4) 8

Q6: The minute hand is at 7 and hour hand is at 5, what is the time.

- (1) 5:30 (2) 6:35 (3) 6:00 (4) 5:35

Chapter 8: Measurements

Exercise 8:

Q8: You go to buy sweets for your 12 friends. If each box weighs 140 grams. How much sweets would you have to buy for your 12 friends?

- (1) 1kg 68g (2) 1kg 140g (3) 1kg 680g (4) 1kg 580g

Q13: Solve: 2kg 350g + 6kg 725g – 7kg 300g

- (1) 1775g (2) 1885g (3) 1725g (4) 1685g

Q18: A family consumes $\frac{3}{4}$ of a litre of milk everyday. How much milk will the family consume in 25 days?

- (1) 19litres 250ml (2) 19litres 750ml
(3) 18litres 250ml (4) 18litres 750ml

Q20: The weights of cheese and butter tins together is 648 grams. If butter tin weighs 126 grams less than cheese can, find weight of cheese can?

- (1) 387gm (2) 216gm (3) 370gm (4) 522gm

Answer of Questions:

Q23: 3; Q24: 2; Q25: 4

Chapter 9: Data Handling

Solved Examples

To encourage students, teacher gives ■ for good behavior. Here is the pictograph showing ■ each student got.

Rashi	■ ■ ■ ■
Anju	■ ■ ■
Mohan	■ ■ ■ ■ ■ ■
Chetan	■ ■
Sara	■
Jay	■ ■ ■
One ■ stands for 10 points	

1. Who has the most points?

- (1) Rashi (2) Anju (3) Mohan (4) Jay

Ans- 3

Explanation – More ■ means more points. So, Mohan has 6 means maximum ■.

2. Which two children scored the same points?

- (1) Anju & Chetan (2) Jay & Anju

(3) Mohan & Rashi

(4) Rashi & Jay

Ans – 2

Explanation – Both Anju and Jay got 3 ■ means 30 points each.

3. How many points did Rashi get?

(1) 4

(2) 400

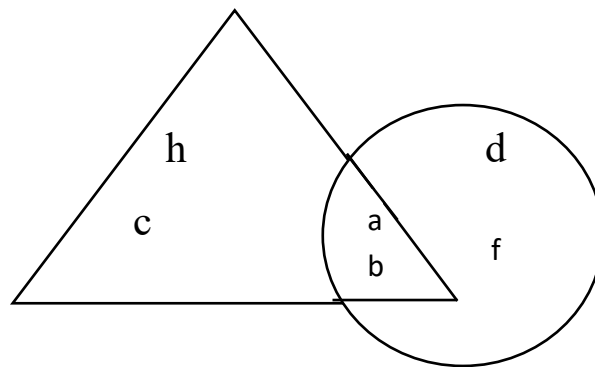
(3) 5

(4) 40

Ans- 4

Explanation – First count ■ Rashi got. It is 4. Now $1 \blacksquare = 10$ points. So $4 \blacksquare = 4 \times 10 = 40$ points.

Refer the following Venn diagram to answer the questions.



4. How many letters are in circle but not in triangle?

(1) 2

(2) 3

(3) 4

(4) 1

Ans – 1

Explanation - Only letters d and f are in circle but not in triangle.

5. Which letter from following is in both triangle and circle?

(1) a

(2) d

(3) b

(4) both 1 & 3

Ans - 4

Explanation – Both a & b belong to triangle as well as circle.

Exercise 9

Instruction : For questions 1 to 6 refer following pictograph.

The teacher asked children what fruit they like. She made a graph to find out what was their favourite fruit.

Grapes	■ ■ ■ ■
Banana	■ ■ ■ ■ ■
Mango	■ ■ ■ ■ ■ ■ ■
Apple	■ ■
Orange	■ ■ ■ ■

■ = 5 children

- How many children liked oranges?
(1) 20 (2) 9 (3) 4 (4) 24
- Which fruit was most favourite?
(1) Mango (2) Banana (3) Orange (4) Apple
- Were grapes liked more than bananas?
(1) Yes (2) No
(3) Can't say (4) insufficient information
- How many more children liked orange than apple?
(1) 15 (2) 7 (3) 2 (4) 10
- Which is the least favourite fruit?
(1) Mango (2) Apple (3) Orange (4) Grapes
- Which two fruits are liked by same number of children?
(1) Mango & Banana (2) Apple & Orange
(3) Grapes & Banana (4) Grapes & Orange

The information given below shows the number of students who participated in the school sport event. Study the given information and answer Q.7 to Q.9.

Sports	No. of Students
Football	■ ■ ■ #####
Cricket	## ■ ■ ■ ■
Badminton	■ #####
Tennis	### ■ ■

■ = 4 boys

#- 3 girls

7. How many more girls participated than the boys in the sport event?
 (1) 4 (2) 2 (3) 3 (4) 5
8. How many more students play football than Tennis?
 (1) 7 (2) 8 (3) 4 (4) 6
9. Which sport is most played by boys?
 (1) Football (2) Cricket (3) Tennis (4) Badminton

Refer the chart below and solve Q.10 to Q.12. The chart below shows number of different fruits in the shop:

Name of fruit	Number of fruits
Dragon fruit	■ ■ ■ ■ ■
Mango	■ ■ ■ ■ ■ ■ ■
Apple	■ ■ ■ ■
Banana	■ ■ ■ ■ ■ ■ ■

■ = 4 fruits

10. What is the total number of fruits in the shop?
 (1) 88 (2) 92 (3) 100 (4) 80
11. If one mango cost Rs 15, what is the total cost of all the mangoes in the shop?
 (1) Rs 450 (2) Rs 360 (3) Rs 600 (4) Rs 420
12. How many bananas are more than Dragon fruit in the shop?
 (1) 8 (2) 2 (3) 6 (4) None

Study the given data carefully and solve Q.13 to Q.15

Type of Ice cream	Total number of Ice cream
Cup	■ ■ ■ ■ ■
Cone	■ ■ ■ ■ ■ ■ ■ ■

The chart given besides shows the number of flamingos migrated to India from Monday to Friday. Study the chart and answer the Q. 19 and Q.20.

Mon	■ ■ ■ ■ ■ ■
Tue	■ ■ ■
Wed	■ ■
Thu	■ ■ ■ ■
Fri	■ ■ ■ ■ ■

■ = 5 flamingoes

19. How many flamingoes migrated on Monday?

- (1) 6 (2) 30 (3) 20 (4) 25

20. On which day did the flamingos migrated the least?

- (1) Monday (2) Thursday (3) Friday (4) Wednesday