

Practice Questions: Class 6

[Students can use any old copy for solving these questions. It has to be brought to school when the school reopens for discussion]

Q1. Write the given improper fraction to mixed fraction.

a) $\frac{179}{3} =$

b) $\frac{209}{4} =$

Q2. Write the given mixed fraction to improper fraction.

a) $42\frac{2}{7} =$

b) $48\frac{3}{5} =$

Q3. Identify the type of fraction and write it below:

$\frac{3}{4}$, $\frac{5}{4}$, $\frac{5}{14}$, $5\frac{5}{4}$, $\frac{15}{4}$, $\frac{5}{9}$, $5\frac{2}{3}$, $\frac{7}{4}$, $\frac{2}{3}$, $\frac{11}{9}$, $7\frac{1}{4}$, $\frac{11}{5}$, $8\frac{5}{7}$

Proper fraction =

Improper fraction =

Mixed fraction =

Q4. Find the value of the following:

a) $\frac{3}{4}$ of Rs. 160 =

b) $\frac{2}{3}$ of Rs. 510 =

Q5. Fill in the blanks:

a. $\frac{3}{100} =$ _____

b. 1 cm = _____ m

c. Area of square = _____ x _____

d. Perimeter of square = _____ x _____

e. Area of rectangle = _____ x _____

f. Perimeter of rectangle = _____

g. Area of saree is measured in _____.

h. 30 m x 20 m = _____

i. $102 \div 17 =$ _____

j. Area of a square of side 1 cm is _____

k. $\frac{485}{100}$ as decimal is _____

l. $\frac{700}{10}$ as decimal is _____

Q6. Find the product :

- a) 2346×564
- b) 75038×924
- c) 9291×8281

Q7. Find the quotient and remainder of the following:

- a) $947712 \div 768$
- b) $52856 \div 150$
- c) $342476 \div 564$

Q8. Simplify:

- a) $304 + 125 \div 25 \times 26 - 127$
- b) $169 \div 13 \times 23 - 200 + 195$
- c) $465 \times 25 + 375 - 256 \div 16$

Q9. Find the HCF by the Prime factorization method:

- a) 15, 30
- b) 36, 48, 96
- c) 86, 96

Q10. Find the HCF by the long division method:

- a) 434, 775
- b) 264, 384, 842

Q11. Find the LCM by the prime factorization method:

- a) 15, 30
- b) 36, 48, 96
- c) 86, 96

Q12. Find the LCM by the long division method:

- a) 24, 40, 72
- b) 48, 16, 32
- c) 78, 169

Q13. Write the successor and the predecessor of the following numbers:

- a) 4678543
- b) 99999999
- c) 10000000
- d) 765408

Q14. A die was thrown 35 times and the following numbers were obtained:

5, 1, 4, 2, 3, 2, 6, 6, 1, 4, 2, 5, 4, 5, 3, 6, 1, 5
2, 6, 2, 5, 4, 1, 3, 2, 1, 4, 1, 6, 2, 6, 3, 3, 3

Prepare a frequency table for the data.





Q15. The result of a Mathematics test is as follows:

80, 90, 70, 80, 80, 60, 80, 70, 90, 65, 100, 60, 70, 60, 70, 85, 65, 70, 70, 85, 90, 60, 65, 80, 60

Make a frequency table for the above data and answer the following questions:

- What is the maximum marks obtained?
- How many students score less than 75 marks?
- How many students scored 80 marks or above?
- How many students appeared in the test?

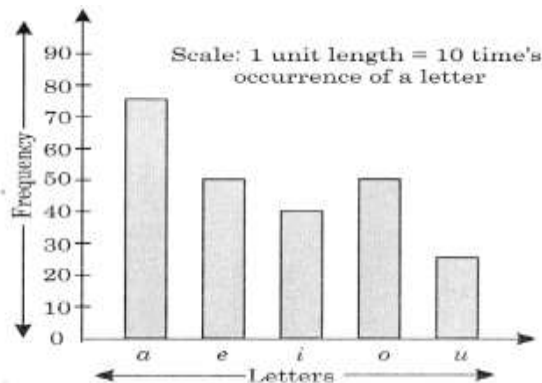
16. Mr. Rajan made a pictograph given below to show the number of cars washed at a car washing station during three days of a week.

Days	Number of cars washed	One  = 5 cars
Friday		
Saturday		
Sunday		

From the pictograph, find that:

- How many cars were washed on (i) Friday (ii) Saturday (iii) Sunday?
- On which day the maximum number of cars were washed at the station?
- On which day the minimum number of cars were washed at the station?

Q16. The given bar graph represents the frequency of a, e, i, o, and u in a piece of English writing.



- Which letter occurred the maximum number of times?
- Which letter occurred 40 times?
- Which letter occurred less than 30 times?
- Write down the five letters in the decreasing order of frequencies.

Q17. Of 7,12,540 and 71,25,400 which number is greater and by how much?

Q18. A thread of length 20m has been divided into 5 pieces. What is the length of each piece?

Q19. A man had Rs. 2,08,78,560 amounts in his bank. He withdrew Rs. 48,36,980 in the month of January, Rs. 3,95,648 in the month of February and Rs. 45,000 in the month of march. What is the amount remaining in his bank account by the end of march?

Q20. Determine the difference between the place value and the face value of 5 in 78654321.