SNBP International & Senior Secondary School, Chikhali, Pune
Affiliation No. 1130703
Academic session 2024-25
Revision Worksheet 1

Name: _____ **Date :**
Class: 7 Div: _____ **Subject: Math**
Prepared By: Ms. Snehal Devake **Chapters: Ch.1 to Ch.3**

Q.1) Find:

a) (-13) x (-6) x (8) b) (-25) ÷ (-5) c) (-34) x 0 x (8)
d) (-3) x (-6) x (-1) x (-2) e) 0 ÷ (-16) f) [(-4) + 2] ÷ [(-2) + 1]
g) 1.2 × 10 h) 143.7 × 10 i) 151.01 × 0.01
j) 101.01 × 1.1 k) 0.6 ÷ 2 l) 3.27 ÷100
m) 198.9 ÷ 1000 n) 50.5 ÷ 10 o) 73.5 ÷ 0.10

Q.2) Verify the following.

a) 15 x [6 + (-5)] = [15 x 6]+ [15 x (-5)]
b) 19 x [(-3) + (-4)] = [19 x (-3)]+ [19 x (-4)]

Q.3) List out the first two common multiples for each pair of numbers.

a) 3, 4 b) 12, 8 c) 5, 9

Q.4) Starting from (-1) x 4, write various products showing some pattern to show (-1) x (-2) = 2.

Q.5) Verify that a ÷ (b + c) ≠ (a ÷ b) + (a ÷ c) for each of the following values of a, b and c.

a) a = 20, b = -4, c = 2 b) a = 16 , b = 2, c = 4

Q.6) Use the sign of >, < or = in the box to make the statements true.

a)39 + (-20) – (15) [ ] 36 + (-42) – (- 16)
b) (-3) + 7 – (19) [ ] 15 – 8 + (-9)

Q.7) In a quiz, team A scored – 30, 15, 0 and team B scored 15, 0, – 30 in three successive rounds. Which team scored more? Can we say that we can add integers in any order.

Q.8) A car runs 16 km using 1 litre of petrol. How much distance will it cover using 2⅘ litres of petrol.

Q.9) In a class of 50 students 1/5 of the total number of studetns like to study English, 3/5 of the total number like to study Mathematics and the remaining students like to study Science.

(i) How many students like to study English?
(ii) How many students like to study Mathematics?
(iii) What fraction of the total number of students like to study Science?

Q.10)The length of a rectangle is 7.6 cm and its breadth is 2.1 cm.What is the area of the rectangle.

Q.11) A cricketer scores the following runs in eight innings: 68, 75, 43, 35, 46, 48, 90, 100. **Find the mean score.**

Q.12) The heights of 10 girls were measured in cm and the results are as follows:

125, 150, 149, 128, 121, 132, 146, 149, 143, 141.

(i) What is the height of the tallest girl?

(ii) What is the height of the shortest girl?

(iii) What is the range of the data?

(iv) What is the mean height of the girls?

(v) How many girls have heights more than the mean height.

Q.13) Find the mean, mode and median of this data.

12, 14, 12, 16, 15, 13, 14, 18, 19, 12, 14, 15, 16, 15, 16, 16, 15, 17, 13, 16, 16, 15, 15, 13, 15, 17, 15, 14, 15, 13, 15, 14

Q.14) Sale of English and Hindi books in the years 1995, 1996, 1997 and 1998 are given below:

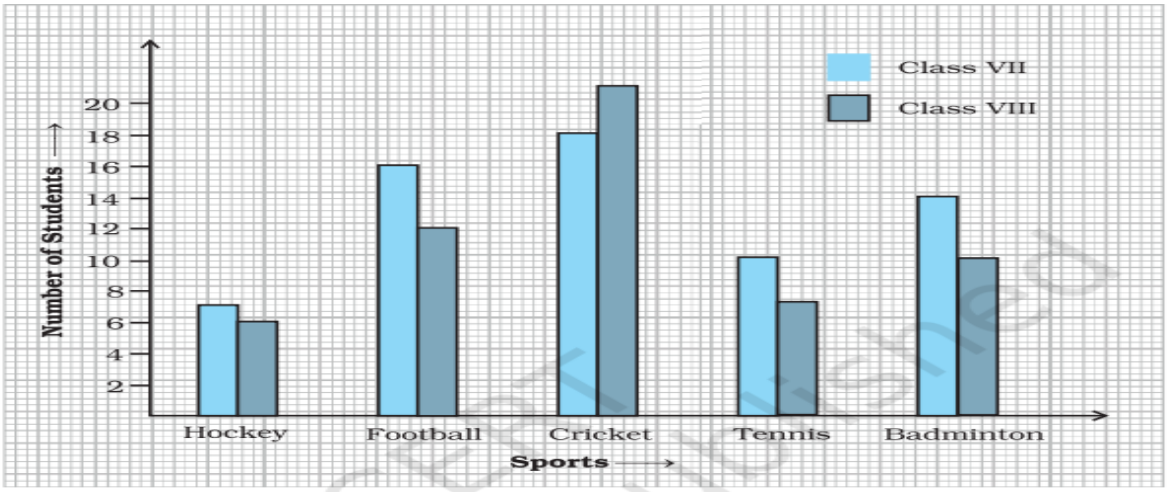
Years	**1995**	**1996**	**1997**	**1998**
English	350	400	450	620
Hindi	500	525	600	650

Draw a double bar graph and answer the following questions:

(a) In which year was the difference in the sale of the two language books least ?

(b) Can you say that the demand for English books increased? Justify.

Q15) Study the bar graph given below and answer the questions that follow:



(a) Which sport is liked the most by Class VIII students?

(b) How many students of Class VII like Hockey and Tennis in all?

(c) How many students are there in Class VII?

(d) For which sport is the number of students of Class VII less than that of Class VIII?

(e) For how many sports students of Class VIII are less than Class VII?

(f) Find ratio of students who like Badminton in Class VII to students who like Tennis in Class VIII.

CLASS TEACHER **HOD** **CO-ORDINATOR** **PRINCIPAL**