SNBP International & Senior Secondary School, Chikhali, Pune
Affiliation No. 1130703
Academic session 2024-25
Revision Worksheet - 04

Name: _____ **Date :**
Class: 6 Div: _____ **Subject: Math**
Prepared By: Ms. Snehal Devake **Ch 6 to Ch 12**

Q.1) Express the following as mixed fractions.

a) $\frac{58}{4}$ b) $\frac{79}{7}$ c) $\frac{36}{5}$

Q.2) Reduce the following fractions to simplest form.

a) $\frac{18}{80}$ b) $\frac{35}{95}$ c) $\frac{49}{63}$

Q.3) Draw number lines and locate the points on them.

a) $\frac{2}{7}, \frac{3}{7}, \frac{6}{7}, \frac{8}{7}$ b) $\frac{3}{4}, \frac{5}{4}, \frac{1}{4}, \frac{9}{4}$

Q.4) Check whether the given fractions are equivalent.

a) $\frac{6}{10}, \frac{16}{32}$ b) $\frac{35}{85}, \frac{7}{17}$ c) $\frac{28}{112}, \frac{11}{44}$

Q.5) Express the following as improper fractions.

a) $4\frac{4}{7}$ b) $7\frac{2}{5}$ c) $6\frac{5}{7}$

Q.6) Find the equivalent fractions of $\frac{4}{5}$ having:

a) denominator 75 b) numerator 12

Q.7) Solve.

a) $\frac{7}{17} + \frac{4}{17}$ b) $\frac{19}{34} - \frac{18}{34}$ c) $3 + \frac{3}{5}$

d) $4 - \frac{2}{3}$ e) $\frac{5}{8} + \frac{3}{5}$ f) $\frac{8}{11} - \frac{2}{5}$

Q.8) Express as rupees using decimals.

a) 45 paise b) 26 rupees 60 paise

Q.9) Express as cm using decimals.

a) 136 mm b) 57 cm 7 mm

Q.10) Express as metres using decimals.

a) 47 cm b) 81 m 6 cm

Q.11) Express as kg using decimals.

a) 5380 g b) 48 kg 283 g

Q.12) Express as km using decimals.

a) 4857 m

b) 38 km 76 m

Q.13) Which is greater?

a) 0.08 or 0.94

b) 3.84 or 8.23

Q.14) Solve.

a) 0.041 + 7.56 + 31.502

b) 93.340 + 25.683 + 75

c) 16.897 – 8.050

d) 3.780 – 28.42 – 5.192

e) Rs. 59.23 from Rs. 87.12

f) 78.16 m from 567.66 m

Q.15) Following table shows the number of bicycles manufactured in a factory during the year 1998 to 2002. Read the table and answer the questions given below.

Year	**1998**	**1999**	**2000**	**2001**	**2002**
No. of bicycles manufactured	800	600	900	1100	1200

a) How many bicycles were manufactured from 1998 to 2002?

b) What is the difference between number of bicycles manufactured in 2002 and 1999?

c) How many bicycles were manufactured from 1998 to 2000?

Q.16) Following pictograph shows the number of bicycles in each day. Answer the below questions:

Days	**No of Bicycles**  **= 4**
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

a) How many bicycles were sold on Monday?

b) How many bicycles were sold on Thursday?

c) On which day was there maximum sales of bicycles?

Q.17) Arrange the grades using tally marks table for the following data: In an examination, the grades achieved by 40 students of a class are given below:

B, C, C, E, A, C, B, B,D, D, D, D, B, C, C, C, A, C, B, E, A, D, C, B, E, C, B, E, C, D, A, B, C, E, D, D, A, A, C, E

a) How many students get grade A?

b) How many students get grade E?

c) The grade where maximum and minimum students are present.

Q.18) Find the perimeter and area of the following rectangles whose dimensions are:

a) length = 16 m, breadth = 3 m

b) length = 5.9 cm, breadth = 2.1 cm

Q.19) Find the perimeter and area of the following squares whose sides are:

a) side = 7 cm

b) side = 8.1 m

Q.20) Find the side of the square whose perimeter is 53 m.

Q.21) The perimeter of a regular pentagon is 55 cm. How long is its each side?

Q.22) Find the cost of fencing a square park side is 38 m at the rate of Rs. 25 per metre.

Q.23) Two sides of a triangle are 43 cm and 11 cm. The perimeter of the triangle is 34 cm. What is its third side?

Q.24) Find the rule which gives the number of matchsticks required to make the following matchsticks patterns. Use a variable to write the rule.

a) A pattern of letter X as

b) A pattern of letter R as

c) A pattern of letter H as

d) A pattern of letter K as

e) A pattern of letter N as

f) A pattern of letter W as

Q.25) If there are 75 mangoes in a box, how will you write the total number of mangoes in terms of the number of boxes? (Use s for the number of boxes.)

Q.26) Radhika is Pavan's youngers sister. Radhika is 7 years youngers than Pavan. Can you write Radhika's age in terms of Pavan's age? Take Pavan's age to be p years.

Q.27) Find the ratio of the following.

a) Rs. 45 to Rs. 155

b) 2 years to 4 months

Q.28) Determine if the following are in proportion.

a) 35, 45, 88, 99 b) 42, 62, 36, 48

Q.29) A packet of salt weight 45 kg and a packet of sugar weight 65 kg. Find the ratio of weight of salt to weight of sugar.

Q.30) Out of 88 students in a class, 40 students are boys and the remaining are girls. Find the ratio of boys to girls and girls to boys.

Q.31) Divide 60 kg rice between Ketaki and Kaveri in the ratio of 4 : 3.

Q.32) Cost of 36 m cloth is Rs. 680. Find the cost of 5 m cloth.

Q.33) Weight of 200 sweets is equal to 9 kg. What is the weight of 120 sweets?

Q.34) Draw a number line and answer the following.

a) Which number will we reach if we move 6 numbers to the left of 9 ?

b) Which number will we reach if we move 4 numbers to the right of -8 ?

Q.35) Using the number line, write the integer which is:

a) 5 more than -4 b) 3 more than 7 c) 6 less than 4

Q.36) Find:

a) (-8) + (-15) + (-56) b) (-45) + 86 - 7 + 2

c) (-14) – 7 – (- 45) d) (-89) – (- 45)

e) 45 + 23 – 9 - 85 f) (-345) + (-75) + 607

Q.37) Use a number line and add the following integers.

a) (-5) + 9 b) (-3) + 6 + (-5)

Q.38) Represent the following numbers on a number line.

a) + 7 b) -5

SUBJECT TEACHER HOD CO-ORDINATOR PRINCIPAL