

- 5) Find the value of the following.
 a) $-7 - 8 - (-20)$ b) $-10 + 20 - 8 + (-1)$
 c) $10 - (-10) - (-2)$ d) $-7 + (-8) + 15$
- 6) From the sum of -19 and -11 , subtract 30 .
- 7) Complete Multiplication table.

X	-8	-7	15	-17	+13
-3					
-2					
4					

- 8) Find the value of $5 - 6 + \{19 - (16 - 2)\}$
- 9) Simplify : 3 of $15 - [12 - \{5 + 60 \div (6 - 7 + 5)\}]$
- 10) Divide the following :
 a) $882 \div \underline{\quad} = 42$ b) $-525 \div (-25)$
 c) $180 \div (-6)$ d) $\underline{\quad} \div (-36) = 0$

WEEK - 5 : DECIMALS

- 1) Write the following fraction as decimals.
 a) $\frac{215}{100}$ b) $\frac{12}{125}$ c) $\frac{4}{5}$ d) $\frac{9}{40}$
- 2) Write decimals as fractions in their lowest
 a) 7.52 b) 3.05 c) 2.375 d) 0.01075
- 3) Write the following decimals in expanded form.
 a) 569.649 b) 26.945 c) 49.38
- 4) Find the sum a) 0.87, 0.5 b) 25.076, 0.55, 0.504 c) 67.35, 22.65
- 5) Subtract : a) 3.515 from 8.5 b) 5.50 from 16.95
 c) 22.35 from 36.75 d) 8.847 from 19.65
- 6) Convert the following :
 a) 4 cm 2 mm to cm b) 167 cm to m
 c) 3m 5 cm to m d) 2.9 kg into g e) 5200 mL into L
- 7) Find the product a) 3.4×6 b) 4.05×6.5 c) 0.805×12.75
- 8) Find the product a) 65.7×100 b) 0.765×10 c) 69.817×100
- 9) Divide : a) $24.5 \div 7$ b) $18.042 \div 6$ c) $639.45 \div 15$
 d) $64.96 \div 1.6$ e) $6.8 \div 0.4$
- 10) Karim purchased a book for ₹ 65.65. He gave ₹ 100, how much money did he get back ?

WEEK - 6 : RATION AND PROPORTION

- 1) Express the ratios in simplest form.
 a) 20 : 35 b) 32 to 72 c) 80 paise to ₹ 4
 d) 20 mins to 1 hr e) 450 g to 1 kg f) 3.5 m to 25 m
- 2) Fill in the missing numbers
 a) $\frac{15}{18} = \frac{\square}{6} = \frac{\square}{54} = \frac{20}{\square}$ b) $\frac{6}{10} = \frac{\square}{26} = \frac{18}{\square} = \frac{\square}{55}$

- 3) Compare the following ratios using the signs $>$ or $<$.
 a) $2 : 5 \square 3 : 7$ b) $1 : 7 \square 5 : 2$ c) $5.81 \square 7 : 5$
- 4) Vandana works in a school and earns ₹ 12,450 per month. She saves ₹ 2,490 per month from her salary. Find the ratio of :
 a) her saving to her income
 b) her saving to her expenditure
- 5) Divide ₹ 128 between Kapil and Madan in the ratio 3 : 5.
- 6) Which of the following are in proportion ?
 a) 12, 16, 21, 28 b) 23,44,75,100
 c) 21,16k,25,20 d) 1,5,5,25
- 7) For what value of x, are the following in proportion ?
 a) 12, 20, 96, x b) 2, 9, x, 72
 c) 4, x, 24, 42 d) x, 30, 24, 16
- 8) Are the following ratios in proportions ?
 a) 3 kg : 50 kg and 150 g : 2.5 kg b) 25 cm : 2m and ₹ 50 : ₹ 400
- 9) A dozen eggs cost ₹ 36. Find the cost of 7 eggs.
- 10) A train covers 250 km in 5 hours. How many kilometers will it cover in 9 hours ?
- 11) A rail journey of 75 km costs ₹ 315. How much will a journey of 120 km cost ?

WEEK - 7

- 1) Write the following in decimal form
 a) Fire and seven hundredths b) Sixty-three thousandths
- 2) If Anita pays ₹ 12,000.75 per month as rent to her landlord, then how much rent does she pay in a year ?
- 3) A bottle of jam weighs 1.2 kg. How many bottles of jam would weigh 7836 kg ?
- 4) Express 0.015 as a fraction and write it in its simplest form. Also find the sum of the numerator and the denominator of the simplified fraction.
- 5) Simplify : $234.01 + 23.78 - 11.101$.
- 6) What should be subtracted from 16 to get 11.25 ?
- 7) What should be added to 902.57 to get the smallest 4-digit number ?
- 8) A rectangular plot has length 21.5 cm and breadth 12.5 m. Find the area of the plot.
- 9) Eesha travelled 15 km 268 m by bus, 7 km 7m by car and 500 m on foot to reach her friends residence. How far is her friends house from her residence.
- 10) The cost of 41g of apples is ₹ 10.25. Find the cost of 1 kg of apple.