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(Affiliated to CBSE up to +2 Level)

CLASS: VII

SUB.: MATHS

DATE:09-05-2021

Fractions and Decimals

Question 1. Find:

(i) $0.4 \div 2$

(ii) $0.35 \div 5$

(iii) $2.48 \div 4$

(iv) $65.4 \div 6$

(v) $651.2 \div 4$

(vi) $14.49 \div 7$

(vii) $3.96 \div 4$

(viii) $0.80 \div 5$

Solution:

$$\begin{aligned} \text{(vii) } 3.96 \div 4 &= \frac{396}{100} \div 4 = \frac{396}{100} \times \frac{1}{4} \\ &= \frac{1}{100} \times \frac{396}{4} = \frac{1}{100} \times 99 = 0.99 \end{aligned}$$

$$\begin{aligned} \text{(viii) } 0.80 \div 5 &= \frac{80}{100} \div 5 = \frac{80}{100} \times \frac{1}{5} \\ &= \frac{1}{100} \times \frac{80}{5} = \frac{1}{100} \times 16 = 0.16 \end{aligned}$$

Question 2. Find:

(i) $4.8 \div 10$

(ii) $52.5 \div 10$

(iii) $0.7 \div 10$

(iv) $33.1 \div 10$

(v) $272.23 \div 10$

(vi) $0.56 \div 10$

(vii) $3.97 \div 10$

Question 3. Find:

(i) $2.7 \div 100$

(ii) $0.3 \div 100$

(iii) $0.78 \div 100$

(iv) $432.6 \div 100$

(v) $23.6 \div 100$

(vi) $98.53 \div 100$

Question 4. Find:

(i) $7.9 \div 1000$

(ii) $26.3 \div 1000$

(iii) $38.53 \div 1000$

(iv) $128.9 \div 1000$

(v) $0.5 \div 1000$

Question 5. Find:

(i) $7 \div 3.5$

(ii) $36 \div 0.2$

(iii) $3.25 \div 0.5$

(iv) $30.94 \div 0.7$

(v) $0.5 \div 0.25$

(vi) $7.75 \div 0.25$

(vii) $76.5 \div 0.15$

(viii) $37.8 \div 1.4$

(ix) $2.73 \div 1.3$