

Ex 8.5

1. Dividing 936 by 1000

$$(i) \frac{0.2}{0.1} \div \frac{2}{1} = \frac{0.2}{0.1} = \underline{0.2}$$

$$(ii) \frac{0.07}{0.35} = 0.07$$

$$5) 0.35 (0.07$$
$$\underline{0}$$
$$03$$
$$\underline{0}$$
$$35$$
$$\underline{35}$$
$$00$$

$$(iii) 2.48 \div 4$$
$$= \frac{0.62}{2.48} = 0.62$$

$$4) 2.48 (0.62$$
$$\underline{0}$$
$$24$$
$$\underline{24}$$
$$008$$
$$\underline{008}$$
$$0$$

$$(iv) 654 \div 6$$
$$= \frac{10.9}{654} = 10.9 =$$

$$6) 65.4 (10.9$$
$$\underline{0}$$
$$05$$
$$\underline{0}$$
$$54$$
$$\underline{54}$$
$$00$$

$$651.2 \div 4 = \frac{651.2}{4} = 162.8$$

$$\begin{array}{r} 4 \overline{) 651.2} \quad (162.8) \\ \underline{4} \\ 25 \\ \underline{24} \\ 011 \\ \underline{8} \\ 32 \\ \underline{32} \\ 00 \end{array}$$

$$14.49 \div 7 = \frac{14.49}{7} = 2.07$$

$$\begin{array}{r} 7 \overline{) 14.49} \quad (2.07) \\ \underline{14} \\ 004 \\ \underline{0} \\ 49 \\ \underline{49} \\ 00 \end{array}$$

$$3.96 \div 4 = \frac{3.96}{4} = 0.99$$

$$\begin{array}{r} 4 \overline{) 3.96} \quad (0.99) \\ \underline{0} \\ 39 \\ \underline{36} \\ 036 \\ \underline{36} \\ 00 \end{array}$$

$$0.80 \div 5 = \frac{0.80}{5} = 0.16$$

$$\begin{array}{r} 5 \overline{) 0.80} \quad (0.16) \\ \underline{0} \\ 08 \\ \underline{5} \\ 30 \\ \underline{30} \\ 00 \end{array}$$

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$$(i) 4.8 \div 10 = \frac{4.8}{10} = 0.48$$

$$\begin{array}{r} 10 \overline{) 4.8} \quad (0.48) \\ \underline{0} \\ 48 \\ \underline{40} \\ 080 \\ \underline{80} \\ 00 \end{array}$$

$$(ii) 52.5 \div 10 = \frac{52.5}{10} = 5.25$$

$$(iii) 0.7 \div 10 = \frac{0.7}{10} = 0.07$$

$$(iv) 33.1 \div 10 = \frac{33.1}{10} = 3.31$$

$$(v) 272.23 \div 10 = 27.223$$

$$(vi) 0.56 \div 10 = \frac{0.56}{10} = 0.056$$

$$(vii) 3.97 \div 10 = \frac{3.97}{10} = 0.397$$

(viii)

(3) 2.7 को 100 तक बढ़ाने के लिए

$$(i) 2.7 \div 100 = \frac{2.7}{100} = 0.027$$

(ii) 2.7 (0.027)
0
27
00
270
200
0700
700
000

$$(ii) 0.3 \div 100 = \frac{0.3}{100} = 0.003$$

$$(iii) 0.078 \div 100 = \frac{0.078}{100} = 0.0078$$

$$(iv) 432.6 \div 100 = \frac{432.6}{100} = 4.326$$

$$(v) 23.6 \div 100 = \frac{23.6}{100} = 0.236$$

$$\textcircled{iv} \quad 98.53 \div 100 = \frac{98.53}{100} = 0.9853$$

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$$\textcircled{i} \quad 7.9 \div 1000$$
$$= \frac{007.9}{1000} = 0.0079$$

$$\begin{array}{r} 1000 \overline{) 7.9} \quad (0.0079) \\ \underline{0} \\ 79 \\ \underline{00} \\ 790 \\ \underline{000} \\ 7900 \\ \underline{7000} \\ 9000 \\ \underline{9000} \\ 0000 \end{array}$$

$$\textcircled{ii} \quad 26.3 \div 1000$$
$$= \frac{026.3}{1000} = 0.0263$$

$$\textcircled{iii} \quad 38.53 \div 1000$$
$$= \frac{038.53}{1000} = 0.03853$$

$$\textcircled{iv} \quad 128.9 \div 1000$$
$$= \frac{128.9}{1000} = 0.1289$$

$$\textcircled{v} \quad 0.5 \div 1000$$
$$= \frac{000.5}{1000} = 0.0005$$

(5) शिष्टांग ११९ फलानुसार

$$(i) 7 \div 3.5 = \frac{7.0 \times 10}{3.5 \times 10} = \frac{70}{35} = 2$$

$$\frac{7.0 \times 10}{3.5 \times 10} = \frac{70}{35} = \frac{70}{35} = 2$$

$$(ii) 36 \div 0.2 = \frac{36.0}{0.2} = \frac{360}{2} = 180$$

$$(iii) 3.25 \div 0.5 = \frac{3.25}{0.5} = \frac{32.5}{5} = 6.5$$

$$(iv) 30.94 \div 0.7 = \frac{30.94}{0.7} = \frac{309.4}{7} = 44.2$$

$$(v) 0.5 \div 0.25 = \frac{0.50}{0.25} = \frac{50}{25} = 2$$

$$(vi) 7.75 \div 0.25 = \frac{7.75}{0.25} = \frac{77.5}{2.5} = 31$$

$$(vii) 76.5 \div 0.15 = \frac{76.50}{0.15} = \frac{7650}{15} = 510$$

$$(viii) 37.8 \div 1.4 = \frac{37.8}{1.4} = \frac{378}{14} = 27$$

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$$\textcircled{10} \quad 2.73 \div 1.3 = \frac{2.73}{1.3} = \frac{273}{13} = \underline{21}$$

⑥ 24 | வீட்டுகள் எண்ணிக்கை 43.2 km கூடு

$$1 \text{ | வீட்டுகள் } = \frac{43.2}{2}$$

$$= \underline{\underline{21.6}}$$

⑦ 2.4 | வீட்டுகள் எண்ணிக்கை 43.2 km கூடு

$$1 \text{ | வீட்டுகள் } = \frac{43.2}{2.4} = \frac{432}{24}$$

$$\begin{array}{r} 18 \\ 24 \overline{) 432} \\ \underline{48} \\ 216 \\ \underline{216} \\ 0 \end{array}$$

$$1 \text{ | வீட்டுகள் } = \underline{\underline{18 \text{ km கூடு}}}$$

விடை: