

Q:- (1) Find

$$(i) 0.4 \div 2 \Rightarrow \frac{4}{10} \div 2 \Rightarrow \frac{4}{10} \times \frac{1}{2} = \frac{4}{20} = \frac{2}{10} = 0.2$$

$$(ii) 0.35 \div 5 \Rightarrow \frac{35}{100} \div 5 \Rightarrow \frac{35}{100} \times \frac{1}{5} = \frac{35}{500} = \frac{7}{100} = 0.07$$

$$(iii) 2.48 \div 4 \Rightarrow \frac{248}{100} \div 4 \Rightarrow \frac{248}{100} \times \frac{1}{4} = \frac{62}{100} = 0.62$$

$$(iv) 65.4 \div 6 \Rightarrow \frac{654}{10} \div 6 \Rightarrow \frac{654}{10} \times \frac{1}{6} = \frac{109}{10} = 10.9$$

$$(v) 651.2 \div 4 \Rightarrow \frac{6512}{10} \div 4 \Rightarrow \frac{6512}{10} \times \frac{1}{4} = \frac{1628}{10} = 162.8$$

$$(vi) 14.49 \div 7 \Rightarrow \frac{1449}{100} \div 7 = \frac{1449}{100} \times \frac{1}{7} = \frac{207}{100} = 2.07$$

$$(vii) 3.96 \div 4 \Rightarrow \frac{396}{100} \div 4 = \frac{396}{100} \times \frac{1}{4} = \frac{99}{100} = 0.99$$

$$(viii) 0.80 \div 5 \Rightarrow \frac{80}{100} \div 5 = \frac{80}{100} \times \frac{1}{5} = \frac{16}{100} = 0.16$$

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Q:- (2) Find

$$(i) 4.8 \div 10 = \frac{48}{10} \div 10 = \frac{48}{10} \times \frac{1}{10} = \frac{48}{100} = 0.48$$

$$(ii) 52.5 \div 10 = \frac{525}{10} \div 10 = \frac{525}{10} \times \frac{1}{10} = \frac{525}{100} = 5.25$$

$$(iii) 0.7 \div 10 = \frac{07}{10} \div 10 = \frac{7}{10} \times \frac{1}{10} = \frac{7}{100} = 0.07$$

$$(iv) 33.1 \div 10 = \frac{331}{10} \div 10 = \frac{331}{10} \times \frac{1}{10} = \frac{331}{100} = 3.31$$

$$(v) 272.23 \div 10 = \frac{27223}{100} \div 10 = \frac{27223}{100} \times \frac{1}{10} = \frac{27223}{1000} = 27.223$$

$$(vi) 0.56 \div 10 = \frac{56}{100} \div 10 = \frac{56}{100} \times \frac{1}{10} = \frac{56}{1000} = 0.056$$

$$(vii) 3.97 \div 10 = \frac{397}{100} \div 10 = \frac{397}{100} \times \frac{1}{10} = \frac{397}{1000} = 0.397$$

Q:- (3) Find

$$(i) 2.7 \div 100 = \frac{27}{10} \div 100 = \frac{27}{10} \times \frac{1}{100} = \frac{27}{1000} = 0.027$$

$$(ii) 0.3 \div 100 = \frac{3}{10} \div 100 = \frac{3}{10} \times \frac{1}{100} = \frac{3}{1000} = 0.003$$

$$(iii) 0.78 \div 100 = \frac{78}{100} \div 100 = \frac{78}{100} \times \frac{1}{100} = \frac{78}{10000} = 0.0078$$

(iv)

$$\text{Q:- (4)} \quad 432.6 \div 100 = \frac{4326}{10} \times \frac{1}{100} = \frac{4326}{1000} = 4.326$$

$$(v) 23.6 \div 100 = \frac{236}{10} \div 100 = \frac{236}{10} \times \frac{1}{100} = \frac{236}{1000} = 0.236$$

$$(vi) 98.53 \div 100 = \frac{9853}{100} \div 100 = \frac{9853}{100} \times \frac{1}{100} = \frac{9853}{10000} = 0.9853$$

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Q:- (4) Find:-

$$(i) 7.9 \div 1000 = \frac{79}{10} \div 1000 = \frac{79}{10} \times \frac{1}{1000} = \frac{79}{10000} = 0.0079$$

$$(ii) 26.3 \div 1000 = \frac{263}{10} \div 1000 = \frac{263}{10} \times \frac{1}{1000} = \frac{263}{10000} = 0.0263$$

$$(iii) 38.53 \div 1000 = \frac{3853}{100} \div 1000 = \frac{3853}{100} \times \frac{1}{1000} = \frac{3853}{100000} = 0.03853$$

$$(iv) 128.9 \div 1000 = \frac{1289}{10} \div 1000 = \frac{1289}{10} \times \frac{1}{1000} = \frac{1289}{10000} = 0.1289$$

$$(v) 0.5 \div 1000 = \frac{5}{10} \div 1000 = \frac{5}{10} \times \frac{1}{1000} = \frac{5}{10000} = 0.0005$$

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Q: (5) Find:-

$$(i) 7 \div 3.5 = 7 \div \frac{35}{10} = 7 \times \frac{10}{35} = \frac{7 \times 10}{35} = \frac{70}{35} = \frac{10}{5} = 2$$

$$(ii) 36 \div 0.2 = 36 \div \frac{2}{10} = 36 \times \frac{10}{2} = \frac{36 \times 10}{2} = 18 \times 10 = 180$$

$$(iii) 3.25 \div 0.5 = \frac{325}{100} \div \frac{5}{10} = \frac{325}{100} \times \frac{10}{5} = \frac{65}{10} = 6.5$$

$$(iv) 30.94 \div 0.7 = \frac{3094}{100} \div \frac{7}{10} = \frac{3094}{100} \times \frac{10}{7} = \frac{3094}{10 \times 7} = \frac{442}{10} = 44.2$$

$$(v) 0.5 \div 0.25 = \frac{5}{10} \div \frac{25}{100} = \frac{5}{10} \times \frac{100}{25} = \frac{10}{5} = 2$$

$$(vi) 7.75 \div 0.25 = \frac{775}{100} \div \frac{25}{100} = \frac{775}{100} \times \frac{100}{25} = \frac{775}{25} = \frac{775 \times 4}{25 \times 4} = \frac{3100}{100} = 31.00$$

$$(vii) 76.5 \div 0.15 = \frac{765}{100} \div \frac{15}{100} = \frac{765}{100} \times \frac{100}{15} = \frac{51 \times 100}{10} = 51 \times 10 = 510$$

$$(viii) 37.8 \div 1.4 = \frac{378}{10} \div \frac{14}{10} = \frac{378}{10} \times \frac{10}{14} = \frac{378}{14} = \frac{189}{7} = 27$$

$$(ix) 2.73 \div 1.3 = \frac{273}{100} \div \frac{13}{10} = \frac{273}{100} \times \frac{10}{13} = \frac{273}{10 \times 13} = \frac{21}{10} = 2.1$$

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Q: (6) A vehicle covers a distance of 43.2 km in 2.4 litres of petrol. How much distance will it cover in one litre of petrol?

Solⁿ:- \therefore In 2.4 litres of petrol,
distance covers by the vehicle = 43.2 km

\therefore In one litre of petrol, distance covers by the

$$\text{vehicle} = 43.2 \div 2.4$$

$$= \frac{432}{10} \div \frac{24}{10}$$

$$= \frac{432}{10} \times \frac{10}{24}$$

$$= \frac{432}{24} = \frac{108}{6} = 18 \text{ km.}$$

Thus, it covered 18 km distance in one litre of petrol.

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