



இயல் 7.1 - எண்ணியல்

பயிற்சி எண் :: 7.1.6.4.B

எண்ணியல் - தசம எண்களின் வகுத்தல் - தநாஅபு பயிற்சி 1.4 - 4-5

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4. மதிப்பு காண்க.

(i) $18.9 \div 1000$

$$\overbrace{18.9} \div 1000 = 0.0189$$

$$18.9 \div 1000 = 0.0189$$

(ii) $0.87 \div 1000$

$$\overbrace{0.87} \div 1000 = 0.00087$$

$$0.87 \div 1000 = 0.00087$$

(iii) $49.3 \div 1000$

$$\overbrace{49.3} \div 1000 = 0.0493$$

$$49.3 \div 1000 = 0.0493$$

(iv) $0.3 \div 1000$

$$\overbrace{0.3} \div 1000 = 0.0003$$

$$0.3 \div 1000 = 0.0003$$

(v) $382.4 \div 1000$

$$\overbrace{382.4} \div 1000 = 0.3824$$

$$382.4 \div 1000 = 0.3824$$

(vi) $93.8 \div 1000$

$$\overbrace{93.8} \div 1000 = 0.0938$$

$$93.8 \div 1000 = 0.0938$$

5. மதிப்பு காண்க.

i) $19.2 \div 2.4$

$$\begin{aligned} \frac{19.2}{2.4} &= \frac{19.2 \times 10^1}{2.4 \times 10^1} \\ &= \frac{19.2 \times 10}{2.4 \times 10} \\ &= \frac{192}{24} = 8 \end{aligned}$$

$$\begin{array}{r} 8 \\ 24 \overline{)192} \\ \underline{192} \\ 0 \end{array}$$

$$\therefore 19.2 \div 2.4 = 8$$

ii) $4.95 \div 0.5$

$$\begin{aligned} \frac{4.95}{0.5} &= \frac{4.95 \times 10^1}{0.5 \times 10^1} \\ &= \frac{4.95 \times 10}{0.5 \times 10} \\ &= \frac{49.5}{5} = 9.9 \end{aligned}$$

$$\begin{array}{r} 9.9 \\ 5 \overline{)49.5} \\ \underline{45} \\ 4.5 \\ \underline{4.5} \\ 0 \end{array}$$

$$\therefore 4.95 \div 0.5 = 9.9$$

iii) $19.11 \div 1.3$

$$\begin{aligned} \frac{19.11}{1.3} &= \frac{19.11 \times 10^1}{1.3 \times 10^1} \\ &= \frac{19.11 \times 10}{1.3 \times 10} \\ &= \frac{191.1}{13} = 14.7 \end{aligned}$$

$$\begin{array}{r} 14.7 \\ 13 \overline{)191.1} \\ \underline{13} \\ 61 \\ \underline{52} \\ 9.1 \\ \underline{9.1} \\ 0 \end{array}$$

$$\therefore 19.11 \div 1.3 = 14.7$$

iv) $0.399 \div 2.1$

$$\begin{aligned} \frac{0.399}{2.1} &= \frac{0.399 \times 10^1}{2.1 \times 10^1} \\ &= \frac{0.399 \times 10}{2.1 \times 10} \\ &= \frac{3.99}{21} = 0.19 \end{aligned}$$

$$\begin{array}{r} 0.19 \\ 21 \overline{)3.99} \\ \underline{2.1} \\ 1.89 \\ \underline{1.89} \\ 0 \end{array}$$

$$\therefore 0.399 \div 2.1 = 0.19$$

v) $5.4 \div 0.6$

$$\begin{aligned} \frac{5.4}{0.6} &= \frac{5.4 \times 10^1}{0.6 \times 10^1} \\ &= \frac{5.4 \times 10}{0.6 \times 10} \\ &= \frac{54}{6} = 9 \end{aligned}$$

$$\begin{array}{r} 9 \\ 6 \overline{)54} \\ \underline{54} \\ 0 \end{array}$$

$$\therefore 5.4 \div 0.6 = 9$$

vi) $2.197 \div 1.3$

$$\begin{aligned} \frac{2.197}{1.3} &= \frac{2.197 \times 10^1}{1.3 \times 10^1} \\ &= \frac{2.197 \times 10}{1.3 \times 10} \\ &= \frac{21.97}{13} = 1.69 \end{aligned}$$

$$\begin{array}{r} 1.69 \\ 13 \overline{)21.97} \\ \underline{13} \\ 8.9 \\ \underline{7.8} \\ 1.17 \\ \underline{1.17} \\ 0 \end{array}$$

$$\therefore 2.197 \div 1.3 = 1.69$$

இதன் காணொளியின் YouTube இணையதள இணைப்பு (YouTube URL)

<https://youtu.be/1CX22sfoZCk>

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