



1. ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚ ਦਸ਼ਮਲਵ ਸੰਖਿਆ ਨੂੰ 10, 100 ਜਾਂ 100 ਨਾਲ ਭਾਗ ਕਰਕੇ ਹੱਲ ਕਰੋ-

(i) $2.7 \div 10$	(ii) $3.35 \div 10$	(iii) $0.15 \div 10$
(iv) $32.7 \div 10$	(v) $5.72 \div 100$	(vi) $23.75 \div 100$
(vii) $532.73 \div 100$	(viii) $1.321 \div 100$	(ix) $2.5 \div 1000$
(x) $53.83 \div 1000$	(xi) $217.35 \div 1000$	(xii) $0.2 \div 1000$
2. ਦਸ਼ਮਲਵ ਸੰਖਿਆ ਨੂੰ ਪੂਰਨ ਸੰਖਿਆ ਨਾਲ ਭਾਗ ਕਰਕੇ ਹੱਲ ਕਰੋ-

(i) $7.5 \div 5$	(ii) $16.9 \div 13$	(iii) $65.4 \div 6$
(iv) $0.121 \div 11$	(v) $11.84 \div 4$	(vi) $47.6 \div 7$
3. ਦਸ਼ਮਲਵ ਸੰਖਿਆ ਨੂੰ ਦਸ਼ਮਲਵ ਸੰਖਿਆ ਨਾਲ ਭਾਗ ਕਰਕੇ ਹੱਲ ਕਰੋ-

(i) $3.25 \div 0.5$	(ii) $5.4 \div 1.2$	(iii) $26.32 \div 3.5$
(iv) $2.73 \div 13$	(v) $12.321 \div 11.1$	(vi) $0.0018 \div 0.15$
4. ਇੱਕ ਸਕੂਲ ਨੇ 25 ਸਟੀਲ ਦੀਆਂ ਕੁਰਸੀਆਂ ₹ 11, 883.75 ਵਿੱਚ ਖਰੀਦੀਆਂ। ਸਟੀਲ ਦੀ ਇੱਕ ਕੁਰਸੀ ਦਾ ਮੁੱਲ ਪਤਾ ਕਰੋ।
5. ਇੱਕ ਕਾਰ 4.5 ਘੰਟਿਆਂ ਵਿੱਚ 276.75 km ਦੂਰੀ ਤੈਅ ਕਰਦੀ ਹੈ। ਕਾਰ ਦੀ ਔਸਤ ਗਤੀ ਕੀ ਹੈ ?

6. ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ

- (i) $27.5 \div 10 = ?$

(a) 275	(b) 0.275
(c) 2.75	(d) ਇਨ੍ਹਾਂ ਵਿੱਚੋਂ ਕੋਈ ਨਹੀਂ
- (ii) $1.5 \div 3$ ਦਾ ਮੁੱਲ ਹੈ।

(a) 5	(b) 0.05
(c) 0.5	(d) 4.5
- (iii) ਸੰਖਿਆਵਾਂ 1.1, 2.1 ਅਤੇ 3.1 ਦੀ ਔਸਤ ਹੈ।

(a) 2.5	(b) 1.1
(c) 2.1	(d) 6.3

7. ਇੱਕ ਦਸ਼ਮਲਵ ਸੰਖਿਆ ਨੂੰ 100 ਨਾਲ ਭਾਗ ਕਰਨ 'ਤੇ ਦਸ਼ਮਲਵ ਬਿੰਦੂ ਖੱਬੇ ਪਾਸੇ ਵੱਲ ਇੱਕ ਸਥਾਨ ਖਿਸਕਦਾ ਹੈ।
(ਸਹੀ/ਗਲਤ)



EXERCISE - 2.7

1. Solve, dividing decimal number by 10, 100 or 1000 in the following.

(i) $2.7 \div 10$	(ii) $3.35 \div 10$	(iii) $0.15 \div 10$
(iv) $32.7 \div 10$	(v) $5.72 \div 100$	(vi) $23.75 \div 100$
(vii) $532.73 \div 100$	(viii) $1.321 \div 100$	(ix) $2.5 \div 1000$
(x) $53.83 \div 1000$	(xi) $217.35 \div 1000$	(xii) $0.2 \div 1000$
2. Solve, dividing decimal number by whole number.

(i) $7.5 \div 5$	(ii) $16.9 \div 13$	(iii) $65.4 \div 6$
(iv) $0.121 \div 11$	(v) $11.84 \div 4$	(vi) $47.6 \div 7$
3. Solve, dividing the decimal number by decimal number

(i) $3.25 \div 0.5$	(ii) $5.4 \div 1.2$	(iii) $26.32 \div 3.5$
(iv) $2.73 \div 13$	(v) $12.321 \div 11.1$	(vi) $0.0018 \div 0.15$
4. 25 steel chairs were purchased by a school for ₹ 11, 883.75. Find the cost of one steel chair.
5. A car covers a distance of 276.75km in 4.5 hours. What is the average speed of the car.

6. Multiple choice questions

- | | |
|------------------------|-------------------|
| (i) $27.5 \div 10 = ?$ | |
| (a) 275 | (b) 0.275 |
| (c) 2.75 | (d) none of these |
- (ii) The value of $1.5 \div 3$ is
- | | |
|---------|----------|
| (a) 5 | (b) 0.05 |
| (c) 0.5 | (d) 4.5 |
- (iii) The average of decimal numbers 1.1, 2.1 and 3.1 is
- | | |
|---------|---------|
| (a) 2.5 | (b) 1.1 |
| (c) 2.1 | (d) 6.3 |
7. On dividing a decimal number by 100, the decimal point is shifted to the left by one place.
(True/ False)

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① ~~ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚ ਦਸ਼ਮਲਵ ਸੰਖਿਆ ਨੂੰ 10, 100 ਜਾਂ 1000~~
~~ਨਾਲ ਭਾਗ ਕਰਕੇ ਹੇਠ ਕਰੋ:-~~
Solve, dividing decimal number by 10, 100 ਜਾਂ 1000
in the following:-

② 27 ÷ 10

(I) $2.7 \div 10$

$$= \frac{2.7}{10} = 2.7 \cdot 0 = 2.7$$

* ਹਰ ਇੱਕ ਜ਼ਿਲ੍ਹੇ ਲਈ ਸਿਰਫ਼ 1 ਮਾਤਰ ਹੀ ਉਨ੍ਹੇ ਸਥਾਨ ਦੀ ਦਸਤਖਤ
(.) ਥੋੜੇ ਥੋੜੇ ਹੋਰ ਬਿਸਰਾਇਆ ਜਾਵੇਗਾ।

II $3.35 \div 10$

$$= \frac{3.35}{10} = 0.335$$

III $0.15 \div 10 = \frac{0.15}{10} = 0.015$

IV $32.7 \div 10 = \frac{32.7}{10} = 3.27$

⑤ $5.72 \div 100 = \frac{5.72}{100} = 0.0572$

VI $23.75 \div 100 = \frac{23.75}{100} = 0.2375$

VII $532.73 \div 100 = \frac{532.73}{100} = 5.3273$

VIII $1.321 \div 100 = \frac{1.321}{100} = 0.01321$

(IX) $2.5 \div 1000 = \frac{2.5}{1000} = 0.0025$

~~$$\textcircled{X} \quad 53.83 \div 1000 = \frac{53.83}{1000} = 0.053.83$$~~

(XI) $217.35 \div 1000 = \frac{217.35}{1000} = 0.21735$

उदाहरण दीजिए कि गुणन और भाग एक ही प्रक्रिया है।

(2) Solve, dividing decimal number by whole number.

(I) $7.5 \div 5$

$= 7.5 \div 5$

$= \frac{75}{10} \div 5 = \frac{75}{10} \times \frac{1}{5} = \frac{75 \times 1}{10 \times 5} = \frac{75}{50} = \frac{3}{2} = 1.5$

$= \frac{15}{10} = 1.5$ $\div 5 \times 10$ को गुणा करने से हमें पूर्ण संख्या मिलती है।

$\therefore = \frac{3}{2} = 1.5$ Ans.

$$\begin{array}{r} 2 \overline{) 3.0} 1.5 \\ \underline{-2} \\ 10 \\ \underline{-10} \\ 00 \end{array}$$

(II) $16.9 \div 13 = \frac{169}{10} \div \frac{13}{1}$

$= \frac{169}{10} \times \frac{1}{13} = \frac{169 \times 1}{10 \times 13} = \frac{13}{10} = 1.3$

$= \frac{13}{10} = 1.3$

उदाहरण। एक निरीक्षणकर्ता
का, छह मिनट का
उदाहरण में एक मिनट
के बाद।

(III) $65.4 \div 6 = \frac{654}{10} \div \frac{6}{1}$

$= \frac{654}{10} \times \frac{1}{6} = \frac{109}{10}$

$= 10.9$

$$\begin{array}{r} 6 \overline{) 654} 109 \\ \underline{-6} \\ 05 \\ \underline{-0} \\ 54 \\ \underline{-54} \\ 00 \end{array}$$

(IV) $0.121 \div 11 = \frac{121}{1000} \div \frac{11}{1}$

$= \frac{121}{1000} \times \frac{1}{11} = \frac{11}{1000}$

$= 0.011$

$$(V) \quad 11.84 \div 4 = \frac{1184}{100} \div \frac{4}{1}$$

$$= \frac{1184}{100} \times \frac{1}{4} = \frac{296}{100}$$

$$= 2.96$$

$$4 \overline{) 1184} \begin{array}{r} 296 \\ -8 \\ \hline 38 \\ -36 \\ \hline 24 \\ -24 \\ \hline 00 \end{array}$$

$$(VI) \quad 47.6 \div 7 = \frac{476}{10} \div \frac{7}{1} = \frac{476}{10} \times \frac{1}{7} = \frac{68}{10} = 6.8$$

$$7 \overline{) 476} \begin{array}{r} 68 \\ -42 \\ \hline 56 \\ -56 \\ \hline 00 \end{array}$$

3. Solve the following, divide the decimal number by decimal number.

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

$$5 \overline{) 325} \begin{array}{r} 65 \\ -30 \\ \hline 25 \\ -25 \\ \hline 00 \end{array}$$

$$(II) \quad 5.4 \div 1.2 = \frac{54}{10} \div \frac{12}{10} = \frac{54}{10} \times \frac{10}{12} = \frac{54}{12} = 4.5$$

$$= \frac{54}{12} = 4.5$$

$$12 \overline{) 54.0} \begin{array}{r} 4.5 \\ 48 \\ \hline 060 \\ -60 \\ \hline 00 \end{array}$$

$$* (III) \quad 26.32 \div 3.5 = \frac{2632}{100} \div \frac{35}{10}$$

$$= \frac{2632}{100} \times \frac{10}{35} = \frac{2632}{10 \times 35}$$

$$= \frac{75.2}{10} = 7.52$$

$$35 \overline{) 2632.0} \begin{array}{r} 75.2 \\ 245 \\ \hline 0182 \\ 175 \\ \hline 0070 \\ -70 \\ \hline 00 \end{array}$$

$$\textcircled{\text{IV}} \quad 2.73 \div 13$$

$$= \frac{273}{100} \div \frac{13}{1} = \frac{273}{100} \times \frac{1}{13}$$

$$= \frac{21}{100} = 0.21$$

$$\begin{array}{r} 13 \overline{) 273} \quad (21 \\ -26 \\ 13 \\ -13 \\ 00 \end{array}$$

$$\textcircled{\text{V}} \quad 12.321 \div 11.1$$

$$= \frac{12321}{1000} \div \frac{111}{10}$$

$$= \frac{12321}{1000} \times \frac{10}{111} = \frac{12321}{100 \times 111}$$

$$= \frac{111}{100} = 1.11$$

$$\begin{array}{r} 111 \overline{) 12321} \quad (111 \\ -111 \\ 122 \\ -111 \\ 111 \\ -111 \\ 000 \end{array}$$

$$\textcircled{\text{VI}} \quad 0.0018 \div 0.15$$

$$= \frac{00018}{10000} \div \frac{15}{100}$$

$$= \frac{18}{10000} \times \frac{100}{15} = \frac{18}{100 \times 15}$$

$$= \frac{1.2}{100} = 0.012$$

$$\begin{array}{r} 15 \overline{) 180} \quad (12 \\ -15 \\ 30 \\ -30 \\ 00 \end{array}$$

4. ~~दिए गए मुद्रा से 25 स्टील कीर्णों वृत्तीयों में ₹ 11,883.75~~
~~दिए गए मुद्रा में 1 स्टील की दी वृत्तीयों के मूल्य पर~~
 25 steel chairs were purchased by a school
 for ₹ 11,883.75. Find the cost of one
 steel chair.

⇒ 25 कुर्सीयाँ की कीमत = ₹ 11883.75
 cost of 25 chairs

∴ cost of 1 chair = $11883.75 \div 25$
 1 कुर्सी का मूल्य

$$= \frac{11883.75}{100} \times \frac{1}{25}$$

$$= \frac{47535}{100}$$

$$= 475.35 \text{ Ans.}$$

$$\begin{array}{r} 25 \overline{) 1188375} \quad (47535 \\ -100 \\ \hline 0188 \\ -175 \\ \hline 133 \\ -125 \\ \hline 0087 \\ -75 \\ \hline 125 \\ -125 \\ \hline 000 \end{array}$$

⑤ A car covers a distance of 276.75 km in 4.5 hours. what is the average speed of the car.

दिया कि 4.5 घण्टियों में 276.75 km दूरी तय करती है। वाहन की औसत गति क्या है?

⇒

4.5 घण्टियों में दूरी तय की गई = 276.75 km
 Distance covered in 4.5 hours

∴ औसत गति = $276.75 \div 4.5$
 Average speed

$$= \frac{27675}{100} \div \frac{45}{10} = \frac{27675}{100} \times \frac{10}{45}$$

$$= \frac{27675}{10 \times 45} = \frac{615}{10}$$

$$= 61.5 \text{ km}$$

$$\begin{array}{r} 45 \overline{) 27675} \quad (615 \\ -270 \\ \hline 0067 \\ -45 \\ \hline 225 \\ -225 \\ \hline 000 \end{array}$$

6. चरित्ररपी प्रश्न: Multiple choice Questions:-

(I) $27.5 \div 10 = \frac{27.5}{10} = 2.75 = \textcircled{C}$

(A) 275

(B) 0.275

☒ (C) 2.75

(D) कही रगी

(II) The value of $1.5 \div 3$ is

$\frac{15}{10} \div 3 = \frac{15}{10} \times \frac{1}{3} = \frac{5}{10} = 0.5 = \textcircled{C}$

(A) 5

(B) 0.05

☒ (C) 0.5

(D) 4.5

(III) The average of decimal numbers 1.1, 2.1 and 3.1 is =
मीधमाह 1.1, 2.1 मड 3.1 री मीधमड _____ है।

(A) 2.5

(B) 1.1

☒ (C) 2.1

(D) 6.3

Average = $\frac{1.1 + 2.1 + 3.1}{3} = \frac{6.3}{3}$

$$\begin{array}{r}
 3 \overline{) 6.3} \quad (2.1) \\
 \underline{-6} \\
 3 \\
 \underline{-3} \\
 0
 \end{array}$$

= 2.1 = ☒ (C)

7. छिर दममरद मीधमा नुं 100 रुष डरर वरर 'ड'
दममरद छिर मँव मरर दूर छिर वरर धिसरर है।
(मी/गरर)
On dividing a decimal number by 100,
the decimal point is shifted to the
left by one place. (True/False)
= गरर = False