

6th Math Revision

ਮਭਿਮਾਸ (ਭਾਗ)

1. ਖਾਲੀ ਥਾਵਾਂ ਭਰੋ।

- (a) $725 \div 1 = \dots\dots\dots$ (b) $725 \div 725 = \dots\dots\dots$
 (c) $0 \div 725 = \dots\dots\dots$ (d) $823 \div 1 = \dots\dots\dots$
 (e) $823 \div 823 = \dots\dots\dots$ (f) $0 \div 823 = \dots\dots\dots$
 (g) $0 \div 99999 = \dots\dots\dots$ (h) $\dots\dots \div 35 = 0$
 (i) $87450 \div \dots\dots\dots = 1$ (j) $8129 \div \dots\dots = 8129$

2. ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚ ਭਾਗਫਲ ਅਤੇ ਬਾਕੀ ਪਤਾ ਕਰੋ।

- (a) $1652 \div 7$ (b) $5893 \div 6$ (c) $7406 \div 6$
 (d) $11982 \div 5$ (e) $28359 \div 12$ (f) $12321 \div 11$

3. ਹੇਠ ਲਿਖਿਆਂ ਨੂੰ ਹੱਲ ਕਰੋ। (ਭਾਗਫਲ ਅਤੇ ਬਾਕੀ ਪਤਾ ਕਰੋ)

- (a) $714 \div 7$ (b) $618 \div 6$ (c) $2416 \div 8$
 (d) $142114 \div 7$ (e) $1384 \div 6$ (f) $17126 \div 8$
 (g) $2107 \div 9$ (h) $3046 \div 13$ (i) $27661 \div 12$

4. ਖਾਲੀ ਡੱਬਿਆਂ ਨੂੰ ਭਰੋ। (ਯਾਦ ਕਰੋ: ਭਾਜ = ਭਾਜਕ $\times$ ਭਾਗਫਲ + ਬਾਕੀ)

	ਭਾਜ	ਭਾਜਕ	ਭਾਗਫਲ	ਬਾਕੀ
ਉਦਾਹਰਣ	138	11	12	6
(a)	158	13	12	
(b)	2168		135	8
(c)	1689	14		9
(d)	1414	14		0
(e)	90		12	6

5. 3 ਅੰਕਾਂ ਦੀ ਵੱਡੀ ਤੋਂ ਵੱਡੀ ਸੰਖਿਆ ਨੂੰ 2 ਅੰਕਾਂ ਦੀ ਵੱਡੀ ਤੋਂ ਵੱਡੀ ਸੰਖਿਆ ਨਾਲ ਵੰਡ ਕਰੋ ਅਤੇ ਭਾਗਫਲ ਅਤੇ ਬਾਕੀ ਪਤਾ ਕਰੋ।

6. ਕਿਸੇ ਫੈਕਟਰੀ ਵਿੱਚ 21 ਦਿਨ ਵਿੱਚ 936243 ਕਲਿੱਪ ਬਣਾਏ ਜਾਂਦੇ ਹਨ। ਇੱਕ ਦਿਨ ਵਿੱਚ ਕਿੰਨੇ ਕਲਿੱਪ ਬਣਾਏ ਜਾਂਦੇ ਹਨ?

Exercise **(Division)**

1. Fill in the blanks :

- | | |
|--------------------------------------|--------------------------------------|
| (a) $725 \div 1 = \dots\dots\dots$ | (b) $725 \div 725 = \dots\dots\dots$ |
| (c) $0 \div 725 = \dots\dots\dots$ | (d) $823 \div 1 = \dots\dots\dots$ |
| (e) $823 \div 823 = \dots\dots\dots$ | (f) $0 \div 823 = \dots\dots\dots$ |
| (g) $0 \div 99999 = \dots\dots\dots$ | (h) $\dots\dots \div 35 = 0$ |
| (i) $87450 \div \dots\dots\dots = 1$ | (j) $8129 \div \dots\dots = 8129$ |

2. Find quotient and remainder for the following :

- | | | |
|--------------------|---------------------|---------------------|
| (a) $1652 \div 7$ | (b) $5893 \div 6$ | (c) $7406 \div 6$ |
| (d) $11982 \div 5$ | (e) $28359 \div 12$ | (f) $12321 \div 11$ |

3. Solve the following (Find Quotient and Remainder)

- | | | |
|---------------------|--------------------|---------------------|
| (a) $714 \div 7$ | (b) $618 \div 6$ | (c) $2416 \div 8$ |
| (d) $142114 \div 7$ | (e) $1384 \div 6$ | (f) $17126 \div 8$ |
| (g) $2107 \div 9$ | (h) $3046 \div 13$ | (i) $27661 \div 12$ |

4. Fill empty boxes: (Remember : Dividend = Divisor $\times$ Quotient + Remainder)

	Dividend	Divisor	Quotient	Remainder
Example	138	11	12	6
(a)	158	13	12	
(b)	2168		135	8
(c)	1689	14		9
(d)	1414	14		0
(e)	90		12	6

5. Divide the largest 3-digit number by the largest 2 digit number and find the quotient and remainder.

6. A factory manufactured 936243 clips in 21 days. How many clips are manufactured in one day?

① યાત્રી યાદાં કરો :- Fill in the blanks.

② $725 \div 1 = 725$

$$\begin{array}{r} 1 \overline{) 725} \quad 725 \\ - 7 \downarrow \\ \hline 02 \\ - 2 \downarrow \\ \hline 05 \\ - 5 \downarrow \\ \hline 0 \end{array}$$

③ $725 \div 725 = 1$

$$\begin{array}{r} 725 \overline{) 725} \quad 1 \\ - 725 \\ \hline 000 \end{array}$$

④ $0 \div 725 = 0$

$$\begin{array}{r} 725 \overline{) 0} \quad 0 \\ - 0 \\ \hline 0 \end{array}$$

⑤ $823 \div 1 = 823$

$$\begin{array}{r} 1 \overline{) 823} \quad 823 \\ - 8 \downarrow \\ \hline 02 \\ - 2 \downarrow \\ \hline 03 \\ - 3 \downarrow \\ \hline 0 \end{array}$$

⑥ $823 \div 823 = 1$

$$\begin{array}{r} 823 \overline{) 823} \quad 1 \\ - 823 \\ \hline 000 \end{array}$$

⑦ $0 \div 823 = 0$

$$0 \div 823 = \frac{0}{823}$$

⑧ $0 \div 99999 = 0$

$$\begin{array}{r} 99999 \overline{) 0} \quad 0 \\ - 0 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 823 \overline{) 0} \quad 0 \\ - 0 \\ \hline 0 \end{array}$$

⑨ $0 \div 35 = 0$

⑩ $87450 \div 87450 = 1$

⑪ $8129 \div 1 = 8129$

2. ਹੇਠ ਲਿਖਿਆ ਹਿੱਸੇ ਭਾਗਣ ਲਈ ਢਾਕੀ ਪਤਾ ਕਰੋ।

Find quotient and remainder for the following:

(a) $1652 \div 7$

$$\begin{array}{r}
 236 \rightarrow \text{ਭਾਗਣ} \\
 \text{Quotient.} \\
 7 \overline{) 1652} \\
 \underline{-14} \\
 25 \\
 \underline{-21} \\
 42 \\
 \underline{42} \\
 00 \rightarrow \text{ਢਾਕੀ} \\
 \text{Remainder}
 \end{array}$$

(b) $5893 \div 6$

(c) $7406 \div 6$

(d) $11982 \div 5$

ਇਹ ਸਮੱਸਿਆਵਾਂ ਆਪਣੇ ਆਪ ਹੱਲ ਕਰੋ।

Solve these sums by itself.

(e) $28359 \div 12$

$$\begin{array}{r}
 12 \overline{) 28359} \quad 2363 \rightarrow \text{ਭਾਗਣ} \\
 \text{Quotient.} \\
 \underline{-24} \\
 43 \\
 \underline{-36} \\
 075 \\
 \underline{-72} \\
 039 \\
 \underline{-36} \\
 00 \rightarrow \text{ਢਾਕੀ} \\
 \text{Remainder}
 \end{array}$$

(f) $12321 \div 11$ $\leftarrow$ ਇਹ ਸਮੱਸਿਆ ਆਪਣੇ ਆਪ ਹੱਲ ਕਰੋ।

$\leftarrow$ Solve itself.

3. ਹੱਲ ਕਰੋ (ਭਾਗਣ ਲਈ ਢਾਕੀ ਪਤਾ ਕਰੋ) -
Solve the following (Find Quotient and Remainder) :-

(a) $714 \div 7$

$$\begin{array}{r}
 7 \overline{) 714} \quad 102 = \text{ਭਾਗਣ} \\
 \text{Quotient} \\
 \underline{-7} \\
 01 \\
 \underline{-0} \\
 14 \\
 \underline{-14} \\
 00 = \text{ਢਾਕੀ} = \text{Remainder}
 \end{array}$$

(b) $618 \div 6$

$$\begin{array}{r} 6 \overline{) 618} \quad (103 \rightarrow \text{Quotient} \\ \underline{-6} \\ 01 \\ \underline{-0} \\ 18 \\ \underline{-18} \\ 00 \end{array} \quad \text{--- दश = Remainder}$$

(c) $2416 \div 8$

$$\begin{array}{r} 8 \overline{) 2416} \quad (302 \rightarrow \text{Quotient} \\ \underline{-24} \\ 001 \\ \underline{-0} \\ 16 \\ \underline{-16} \\ 00 \end{array} \quad \text{--- दश = Remainder}$$

(d) $142114 \div 7$

$$\begin{array}{r} 7 \overline{) 142114} \quad (20302 \rightarrow \text{Quotient} \\ \underline{-14} \\ 002 \\ \underline{-0} \\ 21 \\ \underline{-21} \\ 001 \\ \underline{-0} \\ 14 \\ \underline{-14} \\ 00 \end{array} \quad \text{--- दश = Remainder}$$

(e) $1384 \div 6$

(f) $17126 \div 8$

(g) $2107 \div 9$

(h) $3046 \div 13$

(i) $27661 \div 12$

Solve these sums by itself.

जि सहर डिभिजिबल भई छे नक ।

4) યાત્રી ક્રીમાં રૂ 300 (કાન = કાનર X કાગદર + ઘાવી)

Fill the empty boxes. (Dividend = Divisor X Quotient + Remainder)

Example	Dividend કાન	Divisor કાનર	Quotient કાગદર	Remainder ઘાવી
	138	11	12	6
a)	158	13	12	2
b)	2168	16	135	8
c)	1689	14	120	9
d)	1414	14	101	0
e)	90		12	6

કાન = કાનર X કાગદર + ઘાવી
Dividend = Divisor X Quotient + Remainder

a) $158 = 13 \times 12 + \text{ઘાવી Remainder}$
 $158 = 156 + \text{ઘાવી Remainder}$
 $158 - 156 = \text{ઘાવી Remainder}$
 $2 = \text{ઘાવી Remainder}$

b) $2168 = \text{કાનર} \times 135 + 8$
 $2168 - 8 = \text{કાનર Divisor}$
 $\frac{2160}{135} = \text{કાનર Divisor}$
 $16 = \text{કાનર Divisor}$

c) $1689 = 14 \times \text{કાગદર} + 9$
 $1689 - 9 = \text{કાગદર Quotient}$
 $\frac{1680}{14} = \text{કાગદર Quotient}$
 $120 = \text{કાગદર Quotient}$

(d) $1414 = 14 \times \text{Quotient} + 0$

$\frac{1414 - 0}{14} = \text{Quotient}$

$\frac{1414}{14} = \text{Quotient}$

$101 = \text{Quotient}$

$$\begin{array}{r} 101 \\ 14 \overline{) 1414} \\ \underline{-14} \\ 001 \\ \underline{-0} \\ 14 \\ \underline{-14} \\ 00 \end{array}$$

(e)

~~90~~ $90 = \text{Divisor} \times 12 + 6$

$\frac{90 - 6}{12} = \text{Divisor}$

$\frac{84}{12} = 7 = \text{Divisor}$

5. Ans. = 3 मंदा की डंडी मसिम = 999 = 3 digit largest number
2 मंदा की डंडी मसिम = 99 = 2 digit largest number.

अनुसम मसिम :- According to sum :-

$999 \div 99 =$

$$\begin{array}{r} 10 \\ 99 \overline{) 999} \\ \underline{-99} \\ 009 \\ \underline{-99} \\ 00 \end{array}$$

Quotient = 10 धकी = 9
Remainder = 9

⑥ Ans. = 21 ਦਿਨਾਂ ਵਿੱਚ ਬਣਾਏ ਗਏ ਕਲਿਪਸ = 936243.
clips manufactured in 21 days.

1 ਦਿਨ ਵਿੱਚ ਬਣਾਏ ਗਏ ਕਲਿਪਸ = $936243 \div 21$
clips manufactured in 1 Day $\rightarrow$

$$\begin{array}{r}
 21 \overline{) 936243} \quad 44583 \\
 \underline{-84} \\
 096 \\
 \underline{-84} \\
 122 \\
 \underline{-105} \\
 0174 \\
 \underline{-168} \\
 0063 \\
 \underline{-63} \\
 00
 \end{array}$$

$\therefore$ ਉਤਰ = 44583 ਕਲਿਪਸ

Answer = 44583 clips.

* ਸਭ ਬੱਚੇ 2-20 ਤੱਕ ਪਹੁੰਚੇ ਜਾਣ ਕਰੋ।
All students should learn tables 2-20.