

Class: 3

Subject: Mathematics

Prepared by Shameema Akhtar

Date: 28 / 6 / 2020



Chapter: Fraction

Solution of Lecture -4 notes

Answer to the question no -1

Answer will depending on which numbers you have taken for multiplication.

Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction
$\frac{1}{3}$	$\frac{2}{6}$	$\frac{3}{9}$	$\frac{4}{12}$	$\frac{5}{15}$	$\frac{6}{18}$	$\frac{8}{24}$
$\frac{3}{5}$	$\frac{9}{15}$	$\frac{12}{20}$	$\frac{15}{25}$	$\frac{18}{30}$	$\frac{21}{35}$	$\frac{24}{40}$
$\frac{1}{5}$	$\frac{2}{10}$	$\frac{3}{15}$	$\frac{4}{20}$	$\frac{5}{25}$	$\frac{6}{30}$	$\frac{7}{35}$

Rough

Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction
$\frac{1}{3}$	$\frac{1 \times 2}{3 \times 2}$ $= \frac{2}{6}$	$\frac{1 \times 3}{3 \times 3}$ $= \frac{3}{9}$	$\frac{1 \times 4}{3 \times 4}$ $= \frac{4}{12}$	$\frac{1 \times 5}{3 \times 5}$ $= \frac{5}{15}$	$\frac{1 \times 6}{3 \times 6}$ $= \frac{6}{18}$	$\frac{1 \times 8}{3 \times 8}$ $= \frac{8}{24}$
$\frac{3}{5}$	$\frac{3 \times 3}{5 \times 3}$	$\frac{3 \times 4}{5 \times 4}$	$\frac{3 \times 5}{5 \times 5}$	$\frac{3 \times 6}{5 \times 6}$	$\frac{3 \times 7}{5 \times 7}$	$\frac{3 \times 8}{5 \times 8}$
	$= \frac{9}{15}$	$= \frac{12}{20}$	$= \frac{15}{25}$	$= \frac{18}{30}$	$= \frac{21}{35}$	$= \frac{24}{40}$

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$\frac{1}{5}$	$\frac{1 \times 2}{5 \times 2}$	$\frac{1 \times 3}{5 \times 3}$	$\frac{1 \times 4}{5 \times 4}$	$\frac{1 \times 5}{5 \times 5}$	$\frac{1 \times 6}{5 \times 6}$	$\frac{1 \times 7}{5 \times 7}$
	$= \frac{2}{10}$	$= \frac{3}{15}$	$= \frac{4}{20}$	$= \frac{5}{25}$	$= \frac{6}{30}$	$= \frac{7}{35}$

Answer to the question no -2

. a

1) $\frac{4}{4} = 1$

2) $\frac{6}{6} = 1$

3) $\frac{16}{16} = 1$

4) $\frac{9}{9} = 1$

5) $\frac{13}{13} = 1$

6) $\frac{12}{12} = 1$

7) $\frac{7}{7} = 1$

8) $\frac{8}{8} = 1$

b.

1) $\frac{4}{1} = 4$

2) $\frac{6}{1} = 6$

3) $\frac{16}{1} = 16$

4) $\frac{9}{1} = 9$

c 1)
$$\frac{\cancel{100}}{\cancel{400}} = \frac{1}{4}$$

2)
$$-\frac{\cancel{4000}}{\cancel{5000}} = -\frac{4}{5}$$

3)
$$-\frac{\cancel{1900}}{\cancel{1000}} = -\frac{19}{10}$$

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4)	$\begin{array}{r} \cancel{70} \\ \hline \cancel{900} \\ 7 \\ \hline 90 \end{array}$	5)	$\begin{array}{r} \cancel{100} \\ \hline \cancel{500} \\ 1 \\ \hline 5 \end{array}$	6)	$\begin{array}{r} \cancel{3000} \\ \hline \cancel{5000} \\ 3 \\ \hline 5 \end{array}$
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7)	$\begin{array}{r} \cancel{190} \\ \hline \cancel{1000} \\ 19 \\ \hline 100 \end{array}$	8)	$\begin{array}{r} \cancel{70} \\ \hline \cancel{9000} \\ 7 \\ \hline 900 \end{array}$
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d

$$\begin{array}{l} \boxed{1)} \quad \frac{\cancel{400}}{\cancel{400}} \\ = 1 \end{array} \quad \boxed{2)} \quad \frac{\cancel{3000}}{\cancel{5000}} = \frac{3}{5}$$

$$\boxed{3)} \quad \frac{100}{100} = 1$$

$$\boxed{4)} \quad \frac{70}{70} = 1$$

$$\boxed{5)} \quad \frac{500}{500} = 1$$

$$\boxed{6)} \quad \frac{\cancel{300}}{\cancel{7000}} = \frac{3}{70}$$

$$\boxed{7)} \quad \frac{\cancel{170}}{\cancel{10}} = \frac{17}{1} = 17$$

$$\boxed{8)} \quad \frac{\cancel{130}}{\cancel{10}} = \frac{13}{1} = 13$$