

UPPER PRIMARY

Beginner Maths

E-Booklet Part 2





Long Division (with no remainder)

Solve each equation.

$$4 \overline{) 932}$$

$$2 \overline{) 284}$$

$$4 \overline{) 216}$$

$$16 \overline{) 288}$$

$$3 \overline{) 2127}$$

$$5 \overline{) 3500}$$

$$2 \overline{) 5310}$$

$$8 \overline{) 1024}$$

$$7 \overline{) 6741}$$

$$5 \overline{) 7390}$$

$$9 \overline{) 5913}$$

$$8 \overline{) 3648}$$

$$9 \overline{) 2601}$$

$$7 \overline{) 4823}$$

$$5 \overline{) 4500}$$

$$3 \overline{) 2367}$$

$$6 \overline{) 3534}$$

$$8 \overline{) 7112}$$

$$4 \overline{) 3876}$$

$$2 \overline{) 1306}$$

$$3 \overline{) 2268}$$

$$9 \overline{) 8091}$$

$$7 \overline{) 6440}$$

$$3 \overline{) 1467}$$

$$4 \overline{) 3336}$$

$$6 \overline{) 2748}$$

$$3 \overline{) 1788}$$

$$2 \overline{) 1446}$$



Long Division (with no remainder) - Solutions

Solve each equation.

$$\begin{array}{r} 233 \\ 4 \overline{) 932} \end{array}$$

$$\begin{array}{r} 142 \\ 2 \overline{) 284} \end{array}$$

$$\begin{array}{r} 54 \\ 4 \overline{) 216} \end{array}$$

$$\begin{array}{r} 18 \\ 16 \overline{) 288} \end{array}$$

$$\begin{array}{r} 709 \\ 3 \overline{) 2127} \end{array}$$

$$\begin{array}{r} 700 \\ 5 \overline{) 3500} \end{array}$$

$$\begin{array}{r} 2655 \\ 2 \overline{) 5310} \end{array}$$

$$\begin{array}{r} 128 \\ 8 \overline{) 1024} \end{array}$$

$$\begin{array}{r} 963 \\ 7 \overline{) 6741} \end{array}$$

$$\begin{array}{r} 1478 \\ 5 \overline{) 7390} \end{array}$$

$$\begin{array}{r} 657 \\ 9 \overline{) 5913} \end{array}$$

$$\begin{array}{r} 456 \\ 8 \overline{) 3648} \end{array}$$

$$\begin{array}{r} 289 \\ 9 \overline{) 2601} \end{array}$$

$$\begin{array}{r} 689 \\ 7 \overline{) 4823} \end{array}$$

$$\begin{array}{r} 900 \\ 5 \overline{) 4500} \end{array}$$

$$\begin{array}{r} 789 \\ 3 \overline{) 2367} \end{array}$$

$$\begin{array}{r} 589 \\ 6 \overline{) 3534} \end{array}$$

$$\begin{array}{r} 889 \\ 8 \overline{) 7112} \end{array}$$

$$\begin{array}{r} 969 \\ 4 \overline{) 3876} \end{array}$$

$$\begin{array}{r} 653 \\ 2 \overline{) 1306} \end{array}$$

$$\begin{array}{r} 756 \\ 3 \overline{) 2268} \end{array}$$

$$\begin{array}{r} 899 \\ 9 \overline{) 8091} \end{array}$$

$$\begin{array}{r} 920 \\ 7 \overline{) 6440} \end{array}$$

$$\begin{array}{r} 489 \\ 3 \overline{) 1467} \end{array}$$

$$\begin{array}{r} 834 \\ 4 \overline{) 3336} \end{array}$$

$$\begin{array}{r} 458 \\ 6 \overline{) 2748} \end{array}$$

$$\begin{array}{r} 596 \\ 3 \overline{) 1788} \end{array}$$

$$\begin{array}{r} 723 \\ 2 \overline{) 1446} \end{array}$$

Subtract Like Fractions

Upper Primary Beginner Maths

Example: When the denominator is the same, you can subtract the numerators to solve subtraction problems.

$$\begin{array}{r} \text{Numerator} \quad \mathbf{9} \\ \hline \text{Denominator} \quad \mathbf{10} \end{array} - \begin{array}{r} \mathbf{2} \\ \hline \mathbf{10} \end{array} = \begin{array}{r} \mathbf{7} \\ \hline \mathbf{10} \end{array}$$

Solve and simplify fractions to its lowest terms

1. $\frac{14}{15} - \frac{13}{15} = \underline{\quad}$

2. $\frac{6}{11} - \frac{5}{11} = \underline{\quad}$

3. $\frac{7}{11} - \frac{4}{11} = \underline{\quad}$

4. $\frac{6}{13} - \frac{2}{13} = \underline{\quad}$

5. $\frac{9}{17} - \frac{8}{17} = \underline{\quad}$

6. $\frac{8}{10} - \frac{7}{10} = \underline{\quad}$

7. $\frac{5}{6} - \frac{3}{6} = \underline{\quad}$

8. $\frac{12}{25} - \frac{8}{25} = \underline{\quad}$

9. $\frac{11}{18} - \frac{4}{18} = \underline{\quad}$

10. $\frac{13}{22} - \frac{8}{22} = \underline{\quad}$



Subtract Like Fractions - Solutions

Upper Primary Beginner Maths

Example: When the denominator is the same, you can subtract the numerators to solve subtraction problems.

$$\begin{array}{r} \text{Numerator} \quad \mathbf{9} \\ \hline \text{Denominator} \quad \mathbf{10} \end{array} - \begin{array}{r} \mathbf{2} \\ \hline \mathbf{10} \end{array} = \begin{array}{r} \mathbf{7} \\ \hline \mathbf{10} \end{array}$$


Solve and simplify fractions to its lowest terms

1. $\frac{14}{15} - \frac{13}{15} = \frac{11}{15}$

2. $\frac{6}{11} - \frac{5}{11} = \frac{1}{11}$

3. $\frac{7}{11} - \frac{4}{11} = \frac{3}{11}$

4. $\frac{6}{13} - \frac{2}{13} = \frac{4}{13}$

5. $\frac{9}{17} - \frac{8}{17} = \frac{1}{17}$

6. $\frac{8}{10} - \frac{7}{10} = \frac{1}{10}$

7. $\frac{5}{6} - \frac{3}{6} = \frac{1}{3}$

8. $\frac{12}{25} - \frac{8}{25} = \frac{4}{25}$

9. $\frac{11}{18} - \frac{4}{18} = \frac{7}{18}$

10. $\frac{13}{22} - \frac{8}{22} = \frac{5}{22}$

Note: These fraction problem need to be simplified.

$$\frac{5}{6} - \frac{3}{6} = \frac{2}{6} = \frac{1}{3}$$



Adding Like Fractions

Upper Primary Beginner Maths

Example: When the denominator is the same, you can add the numerators to solve addition problems.

Numerator **4** + **5** = **9**
Denominator **10** **10** **10**

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Solve and simplify fractions to its lowest terms

1. $\frac{1}{8} + \frac{4}{8} = \text{---}$

2. $\frac{4}{11} + \frac{4}{11} = \text{---}$

3. $\frac{3}{6} + \frac{2}{6} = \text{---}$

4. $\frac{4}{20} + \frac{6}{20} = \text{---}$

5. $\frac{3}{17} + \frac{9}{17} = \text{---}$

6. $\frac{4}{15} + \frac{3}{15} = \text{---}$

7. $\frac{1}{6} + \frac{4}{6} = \text{---}$

8. $\frac{4}{35} + \frac{3}{35} = \text{---}$

9. $\frac{8}{13} + \frac{4}{13} = \text{---}$

10. $\frac{9}{22} + \frac{8}{22} = \text{---}$



Example: When the denominator is the same, you can add the numerators to solve addition problems.

Solve and simplify fractions to its lowest terms

10. $\frac{9}{22} + \frac{8}{22} = \frac{17}{22}$

$$\frac{4}{35} + \frac{3}{35} = \frac{7}{35} = \frac{1}{5}$$



Add & Subtract Decimals

Upper Primary Beginner Maths

Addition of Decimals

Line up the decimals $12.1 + 13.08$

Fill empty spaces with zero 12.10

Bring the decimal down $+ 13.08$

Add from right to left 25.18

Addition of Decimals

Line up the decimals $27.1 - 13.08$

Fill empty spaces with zero 27.10

Bring the decimal down $- 13.08$

Subtract from right to left 14.02

Solve the addition and subtraction decimal problems.

24.16	15.78	89.67	18.88	63.17
$- 13.58$	$- 12.89$	$- 56.19$	$- 15.61$	$- 14.99$

85.54	92.78	49.95	39.48	34.76
$+ 25.81$	$+ 82.89$	$+ 98.55$	$+ 87.98$	$+ 85.43$

63.45	66.55	32.36	65.43	63.49
$+ 76.23$	$+ 55.66$	$+ 96.34$	$- 50.31$	$- 49.84$



Addition of Decimals

Fill empty spaces with zero | 2 | 0

Bring the decimal down $+ 13.08$

Add from right to left

$25 \cdot 18$

Addition of Decimals

Line up the decimals $27.1 - 13.08$

Fill empty spaces with zero

Bring the decimal down $- 13 \overset{\color{red}{0}}{\underset{\cdot}{0}}8$

Subtract from right to left $\overline{14} \cdot 02$

Solve the addition and subtraction decimal problems.

24.16	15.78	89.67	18.88	63.17
- 13.58	-12.89	-56.19	-15.61	- 14.99
10.58	2.89	33.48	3.27	48.18

85.54	92.78	49.95	39.48	34.76
+ 25.81	+ 82.89	+ 98.55	+ 87.98	+ 85.43
111.35	175.67	148.50	127.46	120.19

63.45	66.55	32.36	65.43	63.49
+ 76.23	+ 55.66	+ 96.34	- 50.31	- 49.84
139.68	122.21	128.70	15.12	13.65