

LESSON 25

Subtraction From A Whole Number

A fraction can be subtracted from a whole number by borrowing a '1' from the whole number and making an identity fraction.

Example : Subtract $9 - \frac{3}{5}$

Solution:

$$\begin{array}{r} 9 \\ - \frac{3}{5} \\ \hline \end{array}$$

Borrow a '1' from 9 and make $9 = 8 \frac{5}{5}$

Solution:

$$\begin{array}{r} 9 \\ - \frac{3}{5} \\ \hline \end{array} = \begin{array}{r} 8 \frac{5}{5} \\ - \frac{3}{5} \\ \hline 8 \frac{2}{5} \end{array}$$

Subtract By Borrowing From The Whole Number

<p>1.</p> $\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} = \begin{array}{r} 2 \frac{4}{4} \\ - 1 \\ \hline 2 \frac{3}{4} \end{array}$	<p>6.</p> $\begin{array}{r} 1 \\ - 2 \\ \hline \end{array} = \begin{array}{r} \\ - 2 \\ \hline \end{array}$	<p>11.</p> $\begin{array}{r} 8 \\ - 2 \frac{7}{12} \\ \hline \end{array} = \begin{array}{r} 7 \phantom{\frac{0}{12}} \\ - 2 \frac{7}{12} \\ \hline \end{array}$
<p>2.</p> $\begin{array}{r} 5 \\ - 2 \frac{1}{10} \\ \hline \end{array} = \begin{array}{r} 4 \phantom{\frac{0}{10}} \\ - 2 \frac{1}{10} \\ \hline \end{array}$	<p>7.</p> $\begin{array}{r} 3 \\ - 2 \frac{1}{5} \\ \hline \end{array} = \begin{array}{r} 2 \phantom{\frac{0}{5}} \\ - 2 \frac{1}{5} \\ \hline \end{array}$	<p>12.</p> $\begin{array}{r} 3 \\ - 2 \frac{15}{16} \\ \hline \end{array} = \begin{array}{r} 2 \phantom{\frac{0}{16}} \\ - 2 \frac{15}{16} \\ \hline \end{array}$
<p>3.</p> $\begin{array}{r} 1 \\ - 3 \\ \hline \end{array} = \begin{array}{r} \\ - 3 \\ \hline \end{array}$	<p>8.</p> $\begin{array}{r} 3 \\ - 1 \\ \hline \end{array} = \begin{array}{r} 2 \phantom{\frac{0}{9}} \\ - 1 \\ \hline \end{array}$	<p>13.</p> $\begin{array}{r} 8 \\ - 1 \\ \hline \end{array} = \begin{array}{r} 7 \phantom{\frac{0}{20}} \\ - 1 \\ \hline \end{array}$
<p>4.</p> $\begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array} = \begin{array}{r} 6 \phantom{\frac{0}{2}} \\ - 1 \\ \hline 6 \end{array}$	<p>9.</p> $\begin{array}{r} 12 \\ - 3 \frac{1}{8} \\ \hline \end{array} = \begin{array}{r} 11 \phantom{\frac{0}{8}} \\ - 3 \frac{1}{8} \\ \hline \end{array}$	<p>14.</p> $\begin{array}{r} 9 \\ - 2 \frac{4}{25} \\ \hline \end{array} = \begin{array}{r} 8 \phantom{\frac{0}{25}} \\ - 2 \frac{4}{25} \\ \hline \end{array}$
<p>5.</p> $\begin{array}{r} 1 \\ - 1 \\ \hline 0 \end{array} = \begin{array}{r} \\ - 1 \\ \hline \end{array}$	<p>10.</p> $\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array} = \begin{array}{r} 4 \phantom{\frac{0}{15}} \\ - 4 \\ \hline 1 \end{array}$	<p>15.</p> $\begin{array}{r} 1 \\ - 4 \\ \hline \end{array} = \begin{array}{r} \\ - 4 \\ \hline \end{array}$

Add Each Pair Of Fractions By Finding Equivalent Fractions

16. $\begin{array}{r} 12 \\ - \frac{3}{5} \\ \hline \end{array}$	21. $\begin{array}{r} 6 \\ - \frac{1}{2} \\ \hline \end{array}$	26. $\begin{array}{r} 15 \\ - \frac{3}{40} \\ \hline \end{array}$
17. $\begin{array}{r} 6 \\ - \frac{9}{10} \\ \hline \end{array}$	22. $\begin{array}{r} 8 \\ - \frac{3}{100} \\ \hline \end{array}$	27. $\begin{array}{r} 19 \\ - \frac{11}{12} \\ \hline \end{array}$
18. $\begin{array}{r} 5 \\ - \frac{7}{100} \\ \hline \end{array}$	23. $\begin{array}{r} 7 \\ - \frac{3}{4} \\ \hline \end{array}$	28. $\begin{array}{r} 1 \\ - \frac{99}{100} \\ \hline \end{array}$
19. $\begin{array}{r} 4 \\ - \frac{7}{50} \\ \hline \end{array}$	24. $\begin{array}{r} 2 \\ - \frac{4}{5} \\ \hline \end{array}$	29. $\begin{array}{r} 1 \\ - \frac{9}{10} \\ \hline \end{array}$
20. $\begin{array}{r} 16 \\ - \frac{1}{16} \\ \hline \end{array}$	25. $\begin{array}{r} 30 \\ - \frac{7}{8} \\ \hline \end{array}$	30. $\begin{array}{r} 1 \\ - \frac{1}{10} \\ \hline \end{array}$

Add Each Pair Of Unlike Fractions By Making Common Denominators

31.

$$\begin{array}{r} 16 \\ - 10 \frac{1}{2} \\ \hline \end{array}$$

36.

$$\begin{array}{r} 12 \\ - 2 \frac{17}{100} \\ \hline \end{array}$$

41.

$$\begin{array}{r} 3 \\ - 1 \frac{4}{19} \\ \hline \end{array}$$

32.

$$\begin{array}{r} 20 \\ - 5 \frac{3}{8} \\ \hline \end{array}$$

37.

$$\begin{array}{r} 17 \\ - 4 \frac{2}{9} \\ \hline \end{array}$$

42.

$$\begin{array}{r} 10 \\ - 9 \frac{1}{10} \\ \hline \end{array}$$

33.

$$\begin{array}{r} 10 \\ - 7 \frac{21}{32} \\ \hline \end{array}$$

38.

$$\begin{array}{r} 12 \\ - 1 \frac{1}{17} \\ \hline \end{array}$$

43.

$$\begin{array}{r} 100 \\ - 99 \frac{1}{100} \\ \hline \end{array}$$

34.

$$\begin{array}{r} 4 \\ - 1 \frac{3}{50} \\ \hline \end{array}$$

39.

$$\begin{array}{r} 2 \\ - 1 \frac{3}{75} \\ \hline \end{array}$$

44.

$$\begin{array}{r} 2 \\ - 1 \frac{1}{1000} \\ \hline \end{array}$$

35.

$$\begin{array}{r} 9 \\ - 8 \frac{1}{35} \\ \hline \end{array}$$

40.

$$\begin{array}{r} 18 \\ - 1 \frac{99}{100} \\ \hline \end{array}$$

45.

$$\begin{array}{r} 2 \\ - 1 \frac{1}{10,000} \\ \hline \end{array}$$