## Mixed Number Fraction to Improper Fraction

Convert the mixed number fraction to improper fraction.

**Ex:** \(6 \frac{2}{10} = \frac{62}{10}\)

<table>
<thead>
<tr>
<th>Ex</th>
<th>1)</th>
<th>2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 (\frac{2}{10})</td>
<td>(1 \frac{2}{4} = )</td>
<td>(6 \frac{3}{9} = )</td>
</tr>
<tr>
<td>3 (\frac{2}{8})</td>
<td>(4 \frac{6}{9} = )</td>
<td>(5 \frac{2}{5} = )</td>
</tr>
<tr>
<td>6 (\frac{1}{2})</td>
<td>(7 \frac{9}{10} = )</td>
<td>(8 \frac{9}{10} = )</td>
</tr>
<tr>
<td>7 (\frac{2}{6})</td>
<td>(10 \frac{2}{10} = )</td>
<td>(11 \frac{1}{4} = )</td>
</tr>
<tr>
<td>12 (\frac{1}{9})</td>
<td>(13 \frac{2}{3} = )</td>
<td>(14 \frac{3}{7} = )</td>
</tr>
<tr>
<td>15 (\frac{8}{9})</td>
<td>(16 \frac{1}{2} = )</td>
<td>(17 \frac{1}{2} = )</td>
</tr>
<tr>
<td>18 (\frac{3}{10})</td>
<td>(19 \frac{5}{7} = )</td>
<td>(20 \frac{1}{2} = )</td>
</tr>
</tbody>
</table>
### Convert the mixed number fraction to improper fraction.

<table>
<thead>
<tr>
<th>Mixed Number</th>
<th>Improper Fraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 2/5</td>
<td>17/5</td>
</tr>
<tr>
<td>1 2/4</td>
<td>6/4</td>
</tr>
<tr>
<td>6 3/9</td>
<td>57/9</td>
</tr>
<tr>
<td>10/8</td>
<td>17/5</td>
</tr>
<tr>
<td>3 2/5</td>
<td>17/5</td>
</tr>
<tr>
<td>6 1/2</td>
<td>13/2</td>
</tr>
<tr>
<td>4 9/10</td>
<td>49/10</td>
</tr>
<tr>
<td>2 9/10</td>
<td>29/10</td>
</tr>
<tr>
<td>21/10</td>
<td>21/10</td>
</tr>
<tr>
<td>5/4</td>
<td>46/9</td>
</tr>
<tr>
<td>32/3</td>
<td>45/7</td>
</tr>
<tr>
<td>17/9</td>
<td>11/2</td>
</tr>
<tr>
<td>7/2</td>
<td>21/2</td>
</tr>
<tr>
<td>73/10</td>
<td>73/10</td>
</tr>
<tr>
<td>19/10</td>
<td>19/7</td>
</tr>
<tr>
<td>21/2</td>
<td></td>
</tr>
</tbody>
</table>

### Instructions

1. First multiply the denominator times the whole number.
   - Example: $5 \times 3 = 15$
2. Next, add your answer from step 1 to your numerator.
   - Example: $15 + 2 = 17$
3. Get rid of your whole number.
   - And now you have your improper fraction.

### Example

Ex. $6 \frac{2}{10} = \frac{62}{10}$

1. $1 \frac{2}{4} = \frac{6}{4}$
2. $6 \frac{3}{9} = \frac{57}{9}$
3. $1 \frac{2}{8} = \frac{10}{8}$
4. $3 \frac{6}{9} = \frac{33}{9}$
5. $3 \frac{2}{5} = \frac{17}{5}$
6. $6 \frac{1}{2} = \frac{13}{2}$
7. $4 \frac{9}{10} = \frac{49}{10}$
8. $2 \frac{9}{10} = \frac{29}{10}$
9. $7 \frac{2}{6} = \frac{44}{6}$
10. $2 \frac{1}{10} = \frac{21}{10}$
11. $1 \frac{1}{4} = \frac{5}{4}$
12. $5 \frac{1}{9} = \frac{46}{9}$
13. $10 \frac{2}{3} = \frac{32}{3}$
14. $6 \frac{3}{7} = \frac{45}{7}$
15. $1 \frac{8}{9} = \frac{17}{9}$
16. $5 \frac{1}{2} = \frac{11}{2}$
17. $3 \frac{1}{2} = \frac{7}{2}$
18. $73 \frac{3}{10} = \frac{73}{10}$
19. $2 \frac{5}{7} = \frac{19}{7}$
20. $10 \frac{1}{2} = \frac{21}{2}$

### Answer Key

- 1) $\frac{6}{4}$
- 2) $\frac{57}{9}$
- 3) $\frac{10}{8}$
- 4) $\frac{33}{9}$
- 5) $\frac{17}{5}$
- 6) $\frac{13}{2}$
- 7) $\frac{49}{10}$
- 8) $\frac{29}{10}$
- 9) $\frac{44}{6}$
- 10) $\frac{21}{10}$
- 11) $\frac{5}{4}$
- 12) $\frac{46}{9}$
- 13) $\frac{32}{3}$
- 14) $\frac{45}{7}$
- 15) $\frac{17}{9}$
- 16) $\frac{11}{2}$
- 17) $\frac{7}{2}$
- 18) $\frac{73}{10}$
- 19) $\frac{19}{7}$
- 20) $\frac{21}{2}$