Multiplying fractions by whole numbers

Multiply the top number by the whole number; the bottom stays the same. Simplest form.

Name _____ Date _____

1. $\frac{1}{4} \times 10 =$
2. $\frac{3}{8} \times 9 =$
3. $\frac{1}{3} \times 3 =$
4. $7 \times \frac{1}{10} =$
5. $5 \times \frac{5}{6} =$
6. $3 \times \frac{3}{10} =$
7. $6 \times \frac{1}{4} =$
8. $\frac{3}{10} \times 9 =$
9. $\frac{5}{8} \times 8 =$
10. $6 \times \frac{4}{5} =$
11. $\frac{1}{2} \times 8 =$
12. $4 \times \frac{1}{12} =$
13. $7 \times \frac{7}{8} =$
14. $4 \times \frac{1}{5} =$
15. $3 \times \frac{1}{5} =$
16. $8 \times \frac{3}{5} =$
17. $\frac{1}{3} \times 4 =$
18. $\frac{2}{5} \times 10 =$
19. $\frac{1}{12} \times 4 =$
20. $\frac{3}{5} \times 6 =$

Multiplying fractions by whole numbers: answer key

Each answer in colour, with the working before it.

1. $\frac{1}{4} \times 10 = \frac{10}{4} = \frac{5}{2} = 2\frac{1}{2}$
2. $\frac{3}{8} \times 9 = \frac{27}{8} = 3\frac{3}{8}$
3. $\frac{1}{3} \times 3 = \frac{3}{3} = 1$
4. $7 \times \frac{1}{10} = \frac{7}{10}$
5. $5 \times \frac{5}{6} = \frac{25}{6} = 4\frac{1}{6}$
6. $3 \times \frac{3}{10} = \frac{9}{10}$
7. $6 \times \frac{1}{4} = \frac{6}{4} = \frac{3}{2} = 1\frac{1}{2}$
8. $\frac{3}{10} \times 9 = \frac{27}{10} = 2\frac{7}{10}$
9. $\frac{5}{8} \times 8 = \frac{40}{8} = 5$
10. $6 \times \frac{4}{5} = \frac{24}{5} = 4\frac{4}{5}$
11. $\frac{1}{2} \times 8 = \frac{8}{2} = 4$
12. $4 \times \frac{1}{12} = \frac{4}{12} = \frac{1}{3}$
13. $7 \times \frac{7}{8} = \frac{49}{8} = 6\frac{1}{8}$
14. $4 \times \frac{1}{5} = \frac{4}{5}$
15. $3 \times \frac{1}{5} = \frac{3}{5}$
16. $8 \times \frac{3}{5} = \frac{24}{5} = 4\frac{4}{5}$
17. $\frac{1}{3} \times 4 = \frac{4}{3} = 1\frac{1}{3}$
18. $\frac{2}{5} \times 10 = \frac{20}{5} = 4$
19. $\frac{1}{12} \times 4 = \frac{4}{12} = \frac{1}{3}$
20. $\frac{3}{5} \times 6 = \frac{18}{5} = 3\frac{3}{5}$