1. $\frac{3}{4} \times \frac{1}{3} = \frac{3}{12}$

2. $\frac{2}{5} \times \frac{1}{3} = \frac{3}{15}$

3. $\frac{4}{5} \times \frac{1}{6} = \frac{4}{30}$

4. $\frac{3}{8} \times \frac{4}{5} = \frac{12}{40}$

5. $\frac{1}{2} \times \frac{2}{3} = \frac{3}{6}$

6. $\frac{7}{12} \times \frac{2}{3} = \frac{14}{36}$

7. $\frac{1}{4} \times \frac{5}{7} = \frac{5}{28}$

8. $\frac{4}{9} \times \frac{1}{4} = \frac{4}{36}$

Just in case, anyone realised that nearly all of these could be simplified.

1. ¼
2. 1/5
3. 2/15
4. 3/10
5. 7/18
6. ½
8. 1/9

Change these improper fractions to mixed numbers and vice versa.

$\frac{22}{3} = 7\frac{1}{3}$

$\frac{5}{2} = 2\frac{1}{2}$

$\frac{21}{6} = 3\frac{3}{6}$ 3 ½

$\frac{34}{10} = 3\frac{4}{10}$ 3 2/5

$4\frac{2}{3} = \frac{14}{3}$

$4\frac{1}{4} = \frac{17}{4}$

$1\frac{6}{10} = \frac{16}{10}$

$2\frac{1}{3} = \frac{7}{3}$

1. $\frac{1}{2} \times 7 = \frac{7}{2} = 3\frac{1}{2}$

2. $\frac{2}{3} \times 4 = \frac{8}{3} = 2\frac{2}{3}$

3. $\frac{3}{4} \times 5 = \frac{15}{4} = 3\frac{3}{4}$

4. $\frac{3}{5} \times 3 = \frac{9}{5} = 1\frac{4}{5}$

5. $\frac{2}{3} \times 8 = \frac{16}{3} = 5\frac{1}{3}$

6. $\frac{5}{6} \times 9 = \frac{45}{6} = 7\frac{3}{6}$ 7 ½

7. $\frac{5}{8} \times 4 = \frac{20}{8} = 2\frac{4}{8}$ 2 ½

8. $\frac{1}{2} \times 6 = \frac{6}{2} = 3$

Challenge ***

1) $2\frac{1}{2} \times \frac{4}{5} = \frac{20}{10} = 2$

2) $1\frac{3}{4} \times \frac{3}{5} = \frac{21}{20} = 1\frac{1}{20}$

3) $4\frac{1}{2} \times \frac{5}{6} = \frac{45}{12} = 3\frac{9}{12}$ $3\frac{1}{4}$

4) $2\frac{2}{7} \times 3 = \frac{39}{7} = 5\frac{4}{7}$

5) $\frac{2}{7} \times 3\frac{1}{5} = \frac{32}{35}$

6) $8\frac{1}{2} \times \frac{2}{11} = \frac{34}{22} = 1\frac{12}{22}$ $1\ 6/11$

7) $\frac{5}{12} \times 4\frac{2}{3} = \frac{70}{36} = 1\frac{34}{36}$ $1\ 17/18$

8) $2\frac{1}{5} \times 5\frac{1}{2} = \frac{121}{10} = 12\frac{1}{10}$