Name _____

Jump and Add

Directions: Rewrite each fraction using the given common denominator. Then use the number line to make forward jumps and find the sum. Simplify if possible.

1 $\frac{1}{2} + \frac{1}{3}$ Common denominator: 6

Rename: $\frac{1}{2} =$ _____ $\frac{1}{3} =$ _____

0 ← | $\frac{1}{6}$ | $\frac{2}{6}$ | $\frac{3}{6}$ | $\frac{4}{6}$ | $\frac{5}{6}$ | $\frac{6}{6}$ → 1

Answer: _____

2 $\frac{1}{4} + \frac{1}{2}$ Common denominator: 4

Rename: $\frac{1}{4} =$ _____ $\frac{1}{2} =$ _____

0 ← | $\frac{1}{4}$ | $\frac{2}{4}$ | $\frac{3}{4}$ → 1

Answer: _____

3 $\frac{2}{3} + \frac{1}{6}$ Common denominator: 6

Rename: $\frac{2}{3} =$ _____ $\frac{1}{6} =$ _____

0 ← | $\frac{1}{6}$ | $\frac{2}{6}$ | $\frac{3}{6}$ | $\frac{4}{6}$ | $\frac{5}{6}$ | $\frac{6}{6}$ → 1

Answer: _____

4 $\frac{3}{5} + \frac{1}{10}$ Common denominator: 10

Rename: $\frac{3}{5} =$ _____ $\frac{1}{10} =$ _____

0 ← | $\frac{1}{10}$ | $\frac{2}{10}$ | $\frac{3}{10}$ | $\frac{4}{10}$ | $\frac{5}{10}$ | $\frac{6}{10}$ | $\frac{7}{10}$ | $\frac{8}{10}$ | $\frac{9}{10}$ | $\frac{10}{10}$ → 1

Answer: _____

5 $\frac{3}{8} + \frac{1}{4}$ Common denominator: 8

Rename: $\frac{3}{8} =$ _____ $\frac{1}{4} =$ _____

0 ← | $\frac{1}{8}$ | $\frac{2}{8}$ | $\frac{3}{8}$ | $\frac{4}{8}$ | $\frac{5}{8}$ | $\frac{6}{8}$ | $\frac{7}{8}$ | $\frac{8}{8}$ → 1

Answer: _____

6 $\frac{5}{6} + \frac{1}{3}$ Common denominator: 6

Rename: $\frac{5}{6} =$ _____ $\frac{1}{3} =$ _____

0 ← | $\frac{1}{6}$ | $\frac{2}{6}$ | $\frac{3}{6}$ | $\frac{4}{6}$ | $\frac{5}{6}$ | $\frac{6}{6}$ | $\frac{7}{6}$ →

Continue one more sixth past 1 if needed.

Answer: _____