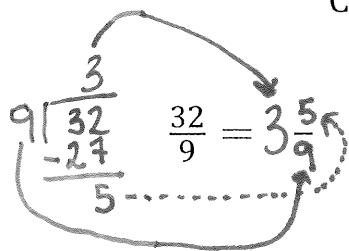


# Converting Fractions (A)

*3 different techniques  
shown - choose your favourite!*

Convert each improper fraction to a mixed fraction.



$$\frac{67}{12} = \frac{60}{12} + \frac{7}{12} = 5 + \frac{7}{12}$$

$$\frac{34}{15} = \frac{15}{15} + \frac{15}{15} + \frac{4}{15}$$

$$\frac{67}{12} = 5 \frac{7}{12}$$

$$\frac{116}{15} = \text{---}$$

$$\frac{34}{15} = 2 \frac{4}{15}$$

$$\frac{25}{12} = \text{---}$$

$$\frac{41}{6} = \text{---}$$

$$\frac{53}{7} = \text{---}$$

$$\frac{25}{4} = \text{---}$$

$$\frac{127}{15} = \text{---}$$

$$\frac{21}{8} = \text{---}$$

$$\frac{15}{4} = \text{---}$$

$$\frac{33}{10} = \text{---}$$

$$\frac{25}{9} = \text{---}$$

$$\frac{38}{7} = \text{---}$$

$$\frac{99}{10} = \text{---}$$

$$\frac{44}{5} = \text{---}$$

$$\frac{53}{15} = \text{---}$$

$$\frac{41}{8} = \text{---}$$

$$\frac{64}{9} = \text{---}$$

$$\frac{57}{10} = \text{---}$$

$$\frac{16}{7} = \text{---}$$

$$\frac{56}{9} = \text{---}$$

$$\frac{21}{10} = \text{---}$$

$$\frac{67}{8} = \text{---}$$

$$\frac{12}{7} = \text{---}$$

$$\frac{83}{12} = \text{---}$$

$$\frac{36}{7} = \text{---}$$

$$\frac{19}{6} = \text{---}$$

$$\frac{13}{2} = \text{---}$$

$$\frac{22}{3} = \text{---}$$

$$\frac{23}{5} = \text{---}$$

$$\frac{20}{7} = \text{---}$$

$$\frac{76}{15} = \text{---}$$

$$\frac{85}{9} = \text{---}$$

$$\frac{80}{9} = \text{---}$$

$$\frac{41}{12} = \text{---}$$

$$\frac{6}{5} = \text{---}$$

$$\frac{107}{15} = \text{---}$$

$$\frac{63}{8} = \text{---}$$

$$\frac{37}{5} = \text{---}$$

# Converting Fractions (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each mixed fraction to an improper fraction.

$$8\frac{1}{9} = \frac{82}{9}$$

$3\frac{8}{9} = \text{---}$

$8\frac{7}{12} = \text{---}$

$7\frac{7}{9} = \text{---}$

$3\frac{11}{15} = \text{---}$

$3\frac{2}{5} = \text{---}$

$4\frac{2}{7} = \text{---}$

$7\frac{1}{3} = \text{---}$

$5\frac{1}{7} = \text{---}$

$2\frac{7}{10} = \text{---}$

$3\frac{4}{5} = \text{---}$

$4\frac{5}{7} = \text{---}$

$3\frac{3}{8} = \text{---}$

$6\frac{1}{8} = \text{---}$

$5\frac{5}{6} = \text{---}$

$7\frac{4}{15} = \text{---}$

$4\frac{2}{9} = \text{---}$

$9\frac{1}{6} = \text{---}$

$7\frac{5}{8} = \text{---}$

$1\frac{5}{9} = \text{---}$

$6\frac{4}{7} = \text{---}$

$8\frac{7}{15} = \text{---}$

$6\frac{1}{5} = \text{---}$

$8\frac{1}{12} = \text{---}$

$8\frac{1}{15} = \text{---}$

$7\frac{5}{12} = \text{---}$

$1\frac{3}{10} = \text{---}$

$6\frac{8}{15} = \text{---}$

$1\frac{9}{10} = \text{---}$

$4\frac{6}{7} = \text{---}$

$1\frac{1}{4} = \text{---}$

$1\frac{11}{12} = \text{---}$

$3\frac{4}{9} = \text{---}$

$3\frac{1}{10} = \text{---}$

$2\frac{1}{2} = \text{---}$

$4\frac{3}{5} = \text{---}$

$4\frac{7}{8} = \text{---}$

$6\frac{2}{15} = \text{---}$

$5\frac{3}{4} = \text{---}$

$5\frac{3}{7} = \text{---}$

# Converting Fractions (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert mixed to improper fractions and improper to mixed fractions.

$$\frac{10}{3} = 3\frac{1}{3}$$

*(Handwritten: 3+3+3+1 over 3)*

$\frac{19}{4} = \text{---}$

$1\frac{5}{9} = \text{---}$

$\frac{82}{15} = \text{---}$

$$4\frac{11}{12} = \frac{59}{12}$$

*(Handwritten: 48+11 over 12)*

$1\frac{5}{12} = \text{---}$

$4\frac{9}{10} = \text{---}$

$6\frac{5}{7} = \text{---}$

$9\frac{8}{15} = \text{---}$

$1\frac{7}{9} = \text{---}$

$\frac{43}{7} = \text{---}$

$6\frac{1}{6} = \text{---}$

$8\frac{2}{9} = \text{---}$

$\frac{97}{10} = \text{---}$

$1\frac{3}{10} = \text{---}$

$\frac{49}{5} = \text{---}$

$\frac{29}{8} = \text{---}$

$\frac{94}{15} = \text{---}$

$\frac{45}{7} = \text{---}$

$5\frac{1}{4} = \text{---}$

$5\frac{7}{8} = \text{---}$

$\frac{21}{10} = \text{---}$

$9\frac{2}{7} = \text{---}$

$7\frac{7}{12} = \text{---}$

$3\frac{6}{7} = \text{---}$

$\frac{7}{5} = \text{---}$

$\frac{31}{5} = \text{---}$

$6\frac{11}{15} = \text{---}$

$3\frac{1}{15} = \text{---}$

$\frac{55}{9} = \text{---}$

$2\frac{4}{7} = \text{---}$

$7\frac{8}{9} = \text{---}$

$\frac{75}{8} = \text{---}$

$\frac{17}{2} = \text{---}$

$7\frac{1}{8} = \text{---}$

$\frac{85}{9} = \text{---}$

$3\frac{5}{6} = \text{---}$

$3\frac{3}{5} = \text{---}$

$8\frac{2}{15} = \text{---}$

$4\frac{1}{12} = \text{---}$

# Simplifying Proper Fractions (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{7}{14} \xrightarrow{\div 7} \frac{1}{2}$

11.  $\frac{24}{33} =$

21.  $\frac{9}{27} =$

31.  $\frac{8}{56} =$

2.  $\frac{4}{20} =$

12.  $\frac{24}{40} =$

22.  $\frac{7}{56} =$

32.  $\frac{27}{99} =$

3.  $\frac{14}{21} =$

13.  $\frac{40}{110} =$

23.  $\frac{45}{54} =$

33.  $\frac{4}{12} =$

4.  $\frac{12}{21} =$

14.  $\frac{36}{40} =$

24.  $\frac{30}{55} =$

34.  $\frac{3}{6} =$

5.  $\frac{12}{18} =$

15.  $\frac{2}{18} =$

25.  $\frac{20}{35} =$

35.  $\frac{9}{54} =$

6.  $\frac{5}{50} =$

16.  $\frac{10}{120} =$

26.  $\frac{30}{36} =$

36.  $\frac{9}{18} =$

7.  $\frac{30}{72} =$

17.  $\frac{8}{96} =$

27.  $\frac{10}{24} =$

37.  $\frac{3}{24} =$

8.  $\frac{4}{40} =$

18.  $\frac{50}{60} =$

28.  $\frac{10}{20} =$

38.  $\frac{6}{16} =$

9.  $\frac{12}{30} =$

19.  $\frac{10}{45} =$

29.  $\frac{35}{56} =$

39.  $\frac{24}{42} =$

10.  $\frac{30}{55} =$

20.  $\frac{8}{64} =$

30.  $\frac{4}{8} =$

40.  $\frac{15}{21} =$

# Simplifying Improper Fractions (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{92}{44} = \frac{23}{11} = 2\frac{1}{11}$

11.  $\frac{164}{32} =$

2.  $\frac{212}{48} =$

12.  $\frac{320}{36} =$

3.  $\frac{90}{20} =$

13.  $\frac{46}{6} =$

4.  $\frac{245}{56} =$

14.  $\frac{850}{120} =$

5.  $\frac{616}{64} =$

15.  $\frac{58}{14} =$

6.  $\frac{222}{60} =$

16.  $\frac{336}{49} =$

7.  $\frac{152}{16} =$

17.  $\frac{176}{24} =$

8.  $\frac{177}{27} =$

18.  $\frac{120}{27} =$

9.  $\frac{108}{14} =$

19.  $\frac{620}{70} =$

10.  $\frac{531}{81} =$

20.  $\frac{63}{56} =$