

Simplifying Fractions

ANSWERS**Section A:** Simplify the following fractions.

1) $\frac{4}{8} \frac{1}{2}$

4) $\frac{12}{16} \frac{3}{4}$

7) $\frac{10}{25} \frac{2}{5}$

10) $\frac{6}{15} \frac{2}{5}$

2) $\frac{5}{15} \frac{1}{3}$

5) $\frac{15}{18} \frac{5}{6}$

8) $\frac{8}{26} \frac{4}{13}$

11) $\frac{9}{30} \frac{3}{10}$

3) $\frac{6}{18} \frac{1}{3}$

6) $\frac{4}{10} \frac{2}{5}$

9) $\frac{14}{22} \frac{7}{11}$

12) $\frac{14}{21} \frac{2}{3}$

Section B: Simplify the following fractions.

1) $\frac{13}{26} \frac{1}{2}$

4) $\frac{54}{90} \frac{3}{5}$

7) $\frac{19}{76} \frac{1}{4}$

10) $\frac{27}{108} \frac{1}{4}$

2) $\frac{17}{51} \frac{1}{3}$

5) $\frac{28}{56} \frac{1}{2}$

8) $\frac{13}{52} \frac{1}{4}$

11) $\frac{20}{100} \frac{1}{5}$

3) $\frac{14}{49} \frac{2}{7}$

6) $\frac{21}{91} \frac{3}{13}$

9) $\frac{32}{80} \frac{2}{5}$

12) $\frac{150}{625} \frac{6}{25}$

Section C: Simplify the following fractions then change to mixed fractions.

1) $\frac{10}{6} 1\frac{2}{3}$

4) $\frac{25}{10} 2\frac{1}{2}$

7) $\frac{56}{24} 2\frac{1}{3}$

10) $\frac{150}{130} 1\frac{2}{13}$

2) $\frac{12}{8} 1\frac{1}{2}$

5) $\frac{18}{15} 1\frac{1}{5}$

8) $\frac{63}{36} 1\frac{3}{4}$

11) $\frac{220}{50} 4\frac{2}{5}$

3) $\frac{14}{4} 3\frac{1}{2}$

6) $\frac{35}{14} 2\frac{1}{2}$

9) $\frac{86}{30} 2\frac{13}{15}$

12) $\frac{1000}{425} 2\frac{6}{17}$

Section D: Simplify the following fractions then change to improper fractions.

1) $4\frac{2}{4} 4\frac{1}{2}$

4) $3\frac{6}{15} 3\frac{2}{5}$

7) $8\frac{15}{60} 8\frac{1}{4}$

10) $14\frac{18}{72} 14\frac{1}{4}$

2) $1\frac{5}{20} 1\frac{1}{4}$

5) $6\frac{14}{20} 6\frac{7}{10}$

8) $4\frac{121}{132} 4\frac{11}{12}$

11) $10\frac{35}{98} 10\frac{5}{14}$

3) $2\frac{9}{45} 2\frac{1}{5}$

6) $2\frac{8}{36} 2\frac{2}{9}$

9) $9\frac{16}{96} 9\frac{1}{6}$

12) $16\frac{62}{93} 16\frac{2}{3}$