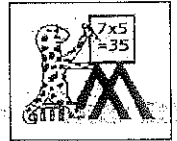


Alber



SIMPLIFYING FRACTIONS SHEET 6

Write these fractions in their simplest form.

1) $\frac{112}{16} = \frac{56}{8} = \frac{28}{4} = \frac{7}{1}$ (7)

2) $\frac{76}{24} = \frac{38}{12} = \frac{19}{6}$ or $3\frac{1}{6}$

3) $\frac{78}{39} = \frac{26}{13} = \frac{2}{1} = 2$

4) $\frac{115}{46} = \frac{5}{2}$ or $2\frac{1}{2}$

5) $\frac{132}{48} = \frac{66}{24} = \frac{33}{12}$ or $2\frac{3}{4}$

6) $\frac{160}{25} = \frac{32}{5}$ or $6\frac{2}{5}$

7) $\frac{56}{160} = \frac{28}{80} = \frac{14}{40} = \frac{7}{20}$

8) $\frac{64}{148} = \frac{32}{74} = \frac{16}{37}$

9) $\frac{114}{228} = \frac{57}{114} = \frac{19}{38} = \frac{1}{2}$

10) $\frac{96}{135} = \frac{32}{45}$

11) $\frac{320}{40} = \frac{160}{20} = \frac{80}{10} = 8$

12) $\frac{136}{28} = \frac{68}{14} = \frac{32}{7}$ or $4\frac{4}{7}$

13) $\frac{64}{216} = \frac{32}{108} = \frac{16}{54} = \frac{8}{27}$

14) $\frac{84}{126} = \frac{42}{63} = \frac{6}{9} = \frac{2}{3}$

15) $\frac{230}{85} = \frac{46}{17}$ or $2\frac{12}{17}$

16) $\frac{132}{231} = \frac{44}{77} = \frac{4}{7}$

17) $\frac{472}{96} = \frac{236}{48} = \frac{118}{24} = \frac{59}{12}$ or $4\frac{11}{12}$

18) $\frac{320}{256} = \frac{160}{128} = \frac{80}{64} = \frac{40}{32} = \frac{20}{16}$

or $\frac{1}{4}$ or $\frac{5}{4}$



Student Name: Alkey

Score: _____

Multiplying Fractions Worksheet

$$\frac{2}{5} \times \frac{5}{4} =$$

$$\boxed{\frac{1}{2}}$$

$$\frac{10}{20} = \frac{1}{2}$$

$$\frac{7}{8} \times \frac{6}{3} =$$

$$\boxed{\frac{7}{4}}$$

$$\frac{42}{24} = \frac{21}{12} = \frac{7}{4}$$

$$\frac{10}{5} \times \frac{1}{2} =$$

$$\boxed{1}$$

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

$$\frac{9}{7} \times \frac{2}{6} =$$

$$\boxed{\frac{3}{7}}$$

$$\frac{18}{42} = \frac{9}{21} = \frac{3}{7}$$

$$\frac{10}{9} \times \frac{3}{5} =$$

$$\boxed{\frac{2}{3}}$$

$$\frac{30}{45} = \frac{2}{3}$$

$$\frac{5}{6} \times \frac{10}{9} =$$

$$\boxed{\frac{25}{27}}$$

$$\frac{50}{54} = \frac{25}{27}$$

$$\frac{12}{8} \times \frac{1}{6} =$$

$$\boxed{\frac{1}{4}}$$

$$\frac{12}{48} = \frac{1}{4}$$

$$\frac{1}{6} \times \frac{4}{3} =$$

$$\boxed{\frac{2}{9}}$$

$$\frac{4}{18} = \frac{2}{9}$$

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

$$\boxed{\frac{4}{3}}$$

$$\frac{8}{6} = \frac{4}{3}$$

$$\frac{10}{7} \times \frac{7}{11} =$$

$$\boxed{\frac{10}{11}}$$

$$\frac{70}{77} = \frac{10}{11}$$

$$\frac{6}{9} \times \frac{9}{3} =$$

$$\boxed{2}$$

$$\frac{54}{27} = \frac{2}{1}$$

$$\frac{10}{8} \times \frac{3}{5} =$$

$$\boxed{\frac{3}{4}}$$

$$\frac{30}{40} = \frac{3}{4}$$

$$\frac{7}{6} \times \frac{1}{3} =$$

$$\boxed{\frac{7}{18}}$$

$$\frac{7}{18}$$

$$\frac{3}{4} \times \frac{6}{3} =$$

$$\boxed{\frac{3}{2}}$$

$$\frac{18}{12} = \frac{6}{4} = \frac{3}{2}$$

$$\frac{9}{10} \times \frac{15}{7} =$$

$$\boxed{\frac{27}{14}}$$

$$\frac{135}{70} = \frac{27}{14}$$

Student Name:

Steph Dutt

Score:

AKG
1

Answers

$$1\frac{1}{5} \times 2\frac{1}{2} \times 3\frac{1}{4} = 9\frac{3}{4}$$

$$3\frac{1}{3} \times 4\frac{2}{5} \times 4\frac{1}{2} = 66$$

$$7\frac{1}{7} \times 2\frac{4}{5} \times 3\frac{3}{4} = 75$$

$$8\frac{5}{8} \times 2\frac{2}{3} \times 3\frac{1}{3} = 76\frac{2}{3}$$

$$4\frac{4}{9} \times 5\frac{2}{5} \times 1\frac{2}{3} = 40$$

$$9\frac{3}{5} \times 4\frac{1}{6} \times 2\frac{3}{8} = 95$$

$$8\frac{6}{7} \times 3\frac{1}{2} \times 1\frac{1}{2} = 46\frac{1}{2}$$

$$9\frac{3}{8} \times 3\frac{1}{3} \times 4\frac{4}{5} = 150$$

$$8\frac{2}{5} \times 6\frac{2}{3} \times 1\frac{1}{6} = 65\frac{1}{3}$$

$$1\frac{1}{3} \times 2\frac{1}{3} \times 7\frac{5}{7} = 24$$

Student Name:

Stew Dutt

Score:

A Key

Answers

$$\frac{8}{6} \times \frac{7}{4} \times \frac{3}{2} = \frac{7}{2} \text{ or } 3\frac{1}{2}$$

$$\frac{3}{2} \times \frac{5}{4} \times \frac{6}{3} = \frac{15}{4} \text{ or } 3\frac{3}{4}$$

$$\frac{10}{5} \times \frac{4}{2} \times \frac{5}{4} = 5$$

$$\frac{9}{8} \times \frac{6}{4} \times \frac{8}{3} = \frac{9}{2} \text{ or } 4\frac{1}{2}$$

$$\frac{7}{5} \times \frac{12}{6} \times \frac{10}{6} = \frac{14}{3} \text{ or } 4\frac{2}{3}$$

$$\frac{8}{6} \times \frac{4}{3} \times \frac{12}{4} = \frac{16}{3} \text{ or } 5\frac{1}{3}$$

$$\frac{11}{10} \times \frac{12}{11} \times \frac{13}{12} = \frac{13}{10} \text{ or } 1\frac{3}{10}$$

$$\frac{5}{4} \times \frac{3}{2} \times \frac{6}{5} = \frac{9}{4} \text{ or } 2\frac{1}{4}$$

$$\frac{10}{7} \times \frac{6}{5} \times \frac{7}{2} = 6$$

$$\frac{6}{2} \times \frac{4}{3} \times \frac{3}{2} = 6$$