

Multiplying Fractions:

1) Simplify the following fractions

(a) $\frac{6}{8}$

(b) $\frac{10}{15}$

(c) $\frac{7}{14}$

(d) $\frac{18}{21}$

(e) $\frac{30}{100}$

(f) $\frac{48}{64}$

2) Simplify the following fractions

(a) $\frac{3 \times 5}{5 \times 4}$

(b) $\frac{2 \times 3 \times 5}{3 \times 7 \times 2}$

(c) $\frac{3 \times 5 \times 2 \times 5}{5 \times 5 \times 2 \times 2}$

(d) $\frac{7 \times 2 \times 3 \times 6}{2 \times 6 \times 7 \times 5}$

3) Multiply the following fractions. Simplify before multiplying if possible:

(a) $\frac{2}{3} \times \frac{1}{2}$

(b) $\frac{2}{5} \times \frac{5}{9}$

(c) $\frac{1}{2} \times \frac{2}{7} \times \frac{7}{11}$

(d) $\frac{1}{4} \times \frac{6}{13}$

(e) $\frac{1}{5} \times \frac{15}{21} \times \frac{14}{18}$

4) Multiply the following fractions. Simplify before multiplying if possible:

(a) $\frac{15}{28} \times \frac{21}{24} \times \frac{16}{35}$

(b) $\frac{25}{42} \times \frac{14}{36} \times \frac{60}{105}$