

Multiplying Fractions

1. Find each product. Reduce if possible.

a) $\frac{2}{3} \cdot \frac{3}{2}$

b) $\frac{3}{4} \cdot \frac{8}{11}$

c) $4\left(\frac{3}{2}\right)$

d) $\frac{5}{6} \cdot \frac{4}{3}$

e) $\frac{11}{9} \cdot \frac{18}{22}$

f) $\frac{16}{15} \cdot \frac{45}{32}$

g) $\frac{18}{33} \cdot \frac{9}{14} \cdot \frac{22}{3} \cdot \frac{21}{63}$

h) $\frac{12}{11} \cdot \frac{132}{7} \cdot \frac{21}{144}$

Part II

Multiplying Fractions

1 Find each product. Reduce if possible.

$$a) \frac{2}{3} \cdot \frac{3}{2}$$

$$\boxed{1}$$

$$b) \frac{3}{4} \cdot \frac{8}{11}$$

$$\boxed{\frac{6}{11}}$$

$$c) 4 \left(\frac{3}{2} \right)$$

$$2 \cdot \frac{3}{1}$$

$$\boxed{6}$$

$$d) \frac{5}{6} \cdot \frac{4}{3}$$

$$\boxed{\frac{10}{9}}$$

$$e) \frac{4}{9} \cdot \frac{18}{22}$$

$$\frac{2}{2}$$

$$\boxed{1}$$

$$f) \frac{16}{15} \cdot \frac{45}{32}$$

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

$$g) \frac{18}{33} \cdot \frac{9}{14} \cdot \frac{22}{3} \cdot \frac{21}{63}$$

$$\boxed{\frac{6}{7}}$$

$$h) \frac{12}{14} \cdot \frac{132}{7} \cdot \frac{21}{144}$$

$$\boxed{3}$$