

## Multiplying Fractions

1 Find each product. Reduce if possible.

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

b)  $\frac{3}{4} \cdot \frac{5}{4}$

c)  $\frac{7}{8} \cdot \frac{5}{6}$

d)  $\frac{7}{8} \cdot 9$

e)  $3 \cdot \frac{5}{6}$

f)  $4\left(\frac{7}{8}\right)$

g)  $\frac{1}{2} \cdot 8$

h)  $\frac{2}{3} \cdot 6$

i)  $\frac{3}{2} \cdot 4 \cdot 3$

## Part I

## Multiplying Fractions

1 Find each product. Reduce if possible.

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

$$\frac{6}{6}$$

$$1$$

$$b) \frac{3}{4} \cdot \frac{5}{4}$$

$$\frac{15}{16}$$

$$c) \frac{7}{8} \cdot \frac{5}{6}$$

$$\frac{35}{48}$$

$$d) \frac{7}{8} \cdot 9$$

$$\frac{7}{8} \cdot \frac{9}{1}$$

$$\frac{63}{8}$$

$$e) 3 \cdot \frac{5}{6}$$

$$\frac{3}{1} \cdot \frac{5}{6}$$

$$\frac{15}{6}$$

$$\frac{5}{2}$$

$$f) 4\left(\frac{7}{8}\right)$$

$$\frac{4}{1} \cdot \frac{7}{8}$$

$$\frac{28}{8}$$

$$\frac{7}{2}$$

$$g) \frac{1}{2} \cdot 8$$

$$\frac{1}{2} \cdot \frac{8}{1}$$

$$\frac{8}{2}$$

$$4$$

$$h) \frac{2}{3} \cdot 6$$

$$\frac{2}{3} \cdot \frac{6}{1}$$

$$\frac{12}{3}$$

$$4$$

$$i) \frac{3}{2} \cdot 4 \cdot 3$$

$$\frac{3}{2} \cdot \frac{4}{1} \cdot \frac{3}{1}$$

$$\frac{36}{2}$$

$$18$$