

Exercise 17

1. (a) $2 \times \frac{1}{7} = \frac{1}{7} \times 2$ (b) $5 \times \frac{1}{8} = \frac{1}{8} \times 5$ (c) $\underline{7} \times \frac{1}{12} = \frac{1}{12} \times 7$

(d) $\frac{4}{9} \times 8 = 8 \times \underline{\frac{4}{9}}$ (e) $\frac{7}{16} \times \underline{15} = 15 \times \frac{7}{16}$ (f) $\underline{\frac{15}{17}} \times 16 = 16 \times \frac{15}{17}$

2. (a) $\left(\frac{1}{2} \times \frac{1}{3}\right) \times \frac{1}{4} = \underline{\frac{1}{2}} \times \left(\frac{1}{3} \times \frac{1}{4}\right)$

(b) $\left(\frac{1}{7} \times \frac{1}{16}\right) \times \underline{\frac{1}{25}} = \frac{1}{7} \times \left(\frac{1}{16} \times \frac{1}{25}\right)$

(c) $\left(\frac{9}{11} \times \frac{6}{17}\right) \times \frac{5}{18} = \underline{\frac{9}{11}} \times \left(\frac{6}{17} \times \frac{5}{18}\right)$

(d) $\left(\frac{16}{25} \times \frac{17}{39}\right) \times \underline{\frac{21}{50}} = \frac{16}{25} \times \left(\frac{17}{39} \times \frac{21}{50}\right)$

$$3. \quad (a) \quad \frac{1}{2} \times 0 = \underline{0}$$

$$(b) \quad \frac{3}{11} \times 1 = \underline{\frac{3}{11}}$$

~~$$(c) \quad 7\frac{7}{8} \times 1 =$$~~

$$(c) \quad 7\frac{7}{8} \times 1 = \frac{63}{8} \times 1 = \frac{63}{8}$$

$$(d) \quad \frac{1}{9} \times \underline{0} = 0$$

$$(e) \quad 11 \frac{11}{12} \times \underline{1} = 11 \frac{11}{12}$$

$$(f) \quad \underline{\frac{9}{17}} \times \frac{17}{4} = 4\frac{1}{4}$$

$$\left(\frac{9}{4} \times \frac{17}{17} = \frac{9}{4}\right)$$