

PRACTICE 3E

Find the value of each of the following in its simplest form.

(a)

1. $\frac{3}{8} \times \frac{1}{3}$

2. $\frac{2}{7} \times \frac{7}{10}$

3. $\frac{5}{6} \times \frac{2}{5}$

4. $\frac{16}{3} \times \frac{9}{4}$

5. $\frac{20}{7} \times \frac{7}{4}$

(b)

$\frac{4}{9} \times \frac{5}{8}$

$\frac{8}{9} \times \frac{3}{4}$

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

$\frac{14}{9} \times \frac{12}{7}$

$\frac{11}{5} \times \frac{20}{11}$

(c)

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

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

$\frac{3}{10} \times \frac{5}{6}$

$\frac{10}{7} \times \frac{14}{5}$

$\frac{15}{8} \times \frac{8}{3}$

6. Shawn had a piece of string $\frac{1}{2}$ m long. He used $\frac{1}{3}$ of it to tie a box. Find the length of the string which was used to tie the box.

7. Kelley had $\frac{3}{4}$ qt of cooking oil. She used $\frac{2}{5}$ of it to fry some fish. How much oil did she use?

8. Mrs. Ruiz bought $\frac{4}{5}$ kg of beef. She cooked $\frac{3}{4}$ of it for lunch. How much beef did she cook?

9. Sally ate $\frac{1}{6}$ of a cake and gave $\frac{1}{5}$ of the remainder to her sister. What fraction of the cake did she give away?

10. Find the area of a rectangle which measures $\frac{5}{8}$ m by $\frac{3}{5}$ m.