

6. In a First Nations school, five-eighths of the Grade 8 students play the drums. Of these students, three-tenths also play the native flute. What fraction of the Grade 8 students play both the drums and the native flute? Estimate to check the

**Apply**

7. Multiply. Simplify before multiplying. Use benchmarks to estimate to check the product is reasonable.

a)  $\frac{3}{4} \times \frac{8}{5}$    b)  $\frac{1}{3} \times \frac{9}{10}$    c)  $\frac{7}{5} \times \frac{15}{21}$   
 d)  $\frac{5}{9} \times \frac{3}{5}$    e)  $\frac{2}{9} \times \frac{15}{4}$    f)  $\frac{7}{3} \times \frac{9}{14}$

8. Multiply. Use benchmarks to estimate to check the product is reasonable.

a)  $\frac{3}{5} \times \frac{2}{3}$    b)  $\frac{1}{2} \times \frac{5}{10}$    c)  $\frac{1}{6} \times \frac{1}{4}$   
 d)  $\frac{13}{8} \times \frac{3}{2}$    e)  $\frac{5}{4} \times \frac{11}{10}$    f)  $\frac{7}{3} \times \frac{7}{8}$

9. Solve each problem. Estimate to check the solution is reasonable.

a) Josten took  $\frac{3}{8}$  of his savings on a shopping trip. He used  $\frac{1}{4}$  of the money to buy a new coat.

What fraction of his savings did Josten spend on the coat?

b) Gervais ate  $\frac{1}{3}$  of a baguette with his dinner. Chantel ate  $\frac{1}{4}$  of the leftover baguette as an evening snack.

What fraction of the baguette did Chantel eat as a snack?

11. Eeva spent  $\frac{5}{6}$  of  $\frac{3}{4}$  of her total allowance on a hair crimper.

What fraction of her total allowance did Eeva have left?

12. Multiply. Estimate to check the product is reasonable.

a)  $1\frac{3}{4} \times 2\frac{1}{2}$    b)  $3\frac{2}{3} \times 2\frac{1}{5}$   
 c)  $4\frac{3}{8} \times 1\frac{1}{4}$    d)  $3\frac{3}{4} \times 3\frac{3}{4}$   
 e)  $4\frac{3}{10} \times \frac{4}{5}$    f)  $\frac{7}{8} \times 2\frac{3}{5}$