Module 6   Computational Fluency of Fractions
Lesson 5   Multiplying Fractions

Set 1

1   One-sixth of the animals in the zoo walk on four legs. Two-fifths of these
four-legged animals are tigers. What fraction of animals at the zoo are tigers?

2   Two-fifths of the students participating in the talent show have a partner. If there
are fifteen students in the show, how many students have a partner?

3   Seven-ninths of the books in the school library are fiction. Twelve-fifteenths of
these fiction books are mystery novels. What fraction of the books in the school
library are mystery novels?

Set 2

1 Fifteen-sixteenths of the members at Friendly Pool are adults. Four-ninths of these adults have children. What fraction of the members at Friendly Pool has children?

2 Seven-eighths of Mr. Tu's students exercise after school. Four-sevenths of these students use free weights. What fraction of Mr. Tu's students uses free weights?

Set 3

1 Martin has a cake recipe that uses $2\frac{2}{3}$ cups of flour. How much flour does Martin use if he bakes five of these cakes?

Multiply.

2 $4\frac{1}{6} \times 3\frac{3}{5}$