

Find Common Denominators

TAKS Objective 1
TEKS 5.2A

Solve.

1. Kelly lives $\frac{1}{5}$ mile from the beach. Sam lives $\frac{3}{10}$ mile from the beach. How can you show the distances that Kelly and Sam live from the beach as fractions with the same denominator?

3. Students painted a mural that is $1\frac{75}{100}$ meters long and $\frac{3}{4}$ meter high. What are the length and height of the mural expressed as fractions with the same denominator?

5. A ping-pong table is on sale at a discount store for $\frac{1}{2}$ off the original price. The same ping-pong table is on sale at two other stores for $\frac{1}{3}$ and $\frac{1}{4}$ off the original price. How can you show the markdowns of the ping-pong tables as fractions with the same denominator?

2. Terry traded $\frac{5}{6}$ of her stickers for $\frac{2}{3}$ of Debby's stickers. Express the number of stickers Terry and Debby traded as fractions with a common denominator.

4. Two thirds of the students in Kyle's class ride the bus to school. Four twelfths of the students walk. Express the number of students who ride the bus and walk to school as fractions with a common denominator.

6. Ming is using scraps of yarn to make a scarf. She has $6\frac{5}{8}$ yards of green yarn, $2\frac{3}{4}$ yards of red yarn, $3\frac{6}{16}$ yards of blue yarn, and $5\frac{8}{16}$ yards of orange yarn. Express the length of each color of yarn as fractions with a common denominator.
