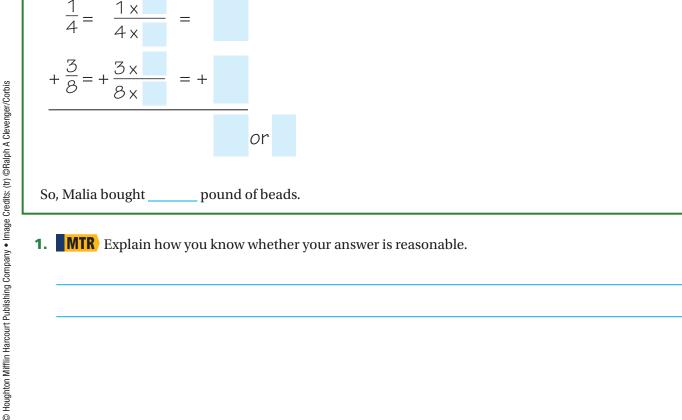
fractions with unlike denominators. **CONNECT** You can use what you have learned about common denominators to add or subtract fractions with unlike denominators. UNLOCK the Problem Malia bought shell beads and glass beads to weave into designs in her baskets. She bought $\frac{1}{4}$ pound of shell beads and $\frac{3}{8}$ pound of glass beads. • Underline the question you need to answer. How many pounds of beads did she buy? Draw a circle around the information you will use.

Add. $\frac{1}{4} + \frac{3}{8}$

Find a common denominator by multiplying the denominators.

 $4 \times 8 =$ common denominator

Use the common denominator to write equivalent fractions with like denominators. Then add.

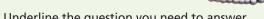


1. MTR Explain how you know whether your answer is reasonable.

Unlike Denominators

Add and Subtract Fractions with

(I Can) use a common denominator to add and subtract





- Fractions 5.FR.2.1
- Algebraic Thinking 5.AR.1.2
- Mathematical Thinking & Reasoning MTR.1.1, MTR.2.1, MTR.3.1,
- MTR.4.1, MTR.5.1, MTR.6.1, MTR.7.1

CHAPTER 8

Lesson 5

Example When subtracting two fractions with unlike denominators, follow the same steps you follow when adding two fractions. However, instead of adding the fractions, subtract. Subtract. $\frac{9}{10} - \frac{2}{5}$ $\frac{9}{10} = \frac{-\frac{2}{5}}{-\frac{5}{5}}$ $-\frac{2}{5} = \frac{-\frac{2}{5}}{-\frac{5}{5}}$

2. **MTR** Explain how you know whether your answer is reasonable.

