## Another Look!



## Additional

Practice 9-7
Model Addition and Subtraction of Mixed Numbers

Use a number line to find $1 \frac{\mathbf{7}}{\mathbf{8}}+2 \frac{\mathbf{3}}{\mathbf{8}}$.
Use a number line for eighths. Start at $1 \frac{7}{8}$.


To add, move $2 \frac{3}{8}$ to the right.
Write the sum as a fraction or a mixed number.
So, $1 \frac{7}{8}+2 \frac{3}{8}=4 \frac{2}{8}$.

Use fraction strips to find $2 \frac{1}{5}-1 \frac{2}{5}$.
Model the number you are subtracting from, $2 \frac{1}{5}$.


Rename $2 \frac{1}{5}$ as $1 \frac{6}{5}$. Cross out one whole and $\frac{2}{5}$ to show subtracting $1 \frac{2}{5}$.


Write the difference as a fraction.
So, $2 \frac{1}{5}-1 \frac{2}{5}=\frac{4}{5}$.

For 1-9, use a tool to find each sum or difference.

1. $3 \frac{1}{2}+1 \frac{1}{2}$
2. $3 \frac{3}{4}-2 \frac{1}{4}$
3. $1 \frac{3}{4}+1 \frac{3}{4}$


4. $3 \frac{4}{5}-1 \frac{2}{5}$
5. $5 \frac{2}{6}+3 \frac{5}{6}$
6. $10 \frac{2}{8}-7 \frac{5}{8}$
7. $2 \frac{5}{12}+4 \frac{3}{12}$
8. $12 \frac{1}{3}-5 \frac{2}{3}$
9. $2 \frac{2}{4}+6 \frac{3}{4}$

For 10-12, use the table at the right.
10. How many inches longer is a Hercules beetle than a ladybug?
11. What is the difference between the largest and the smallest stag beetles?
12. How long are a Hercules beetle and a ladybug combined?

## Beetles by Length

## Beetle : Length in Inches

Hercules beetle
Ladybug
Stag beetle
$2 \frac{1}{8}$ to $2 \frac{4}{8}$
13. Stan needs 90 points to get a passing grade in class. He already has 6 points. If each book report is worth 7 points, what is the fewest number of book reports Stan can do and still pass the class?

14. Higher Order Thinking Nicole, Tasha, Maria, and Joan each walk to school from home. Nicole walks $1 \frac{11}{12}$ miles. Tasha walks $2 \frac{1}{12}$ miles. Maria walks $1 \frac{7}{12}$ miles. Joan walks $2 \frac{2}{12}$ miles. How can you find how much farther Joan walks to school than Maria?

## Assessment Practice

15. Alyssa used $1 \frac{2}{3}$ gallons of white paint for the ceiling of her bedroom. She used $3 \frac{1}{3}$ gallons of green paint for the walls of her bedroom. How much more green paint did Alyssa use than white paint? (3) 4.N:23.3.
(A) $1 \frac{1}{3}$ gallons
(B) $1 \frac{2}{3}$ gallons
(C) 2 gallons
(D) $2 \frac{1}{3}$ gallons
16. Jerome's rain gauge showed $3 \frac{9}{10}$ centimeters of rain fell last month. This month, the rain gauge measured $5 \frac{3}{10}$ centimeters. Which equation can be used to find $r$, how many more centimeters of rain fell this month than last month? (1) ${ }_{\text {4.Nг } 2.3 . \mathrm{c}}$
(A) $r=5 \frac{3}{10}+3 \frac{9}{10}$
(B) $r=5 \frac{3}{10}+3 \frac{6}{10}$
(C) $r=5 \frac{3}{10}-3 \frac{6}{10}$
(D) $r=5 \frac{3}{10}-3 \frac{9}{10}$
