## Practice Solving Fraction Problems

1 A team practices shot put throws for a track meet. Murph throws $4 \frac{1}{3}$ yards on his first attempt and $3 \frac{2}{3}$ yards on his second attempt. How much farther does Murph throw on his first attempt than on his second attempt?

2 (MP) Use Structure Lydia wants to put a new wallpaper border in a house. She needs $7 \frac{5}{8}$ feet for the bathroom. She needs $1 \frac{7}{8}$ feet more border for the bedroom than for the bathroom. How much border does she need for the bedroom? How much border does she need for both rooms?

3 Jesse and his sister go to the pet store to buy dog food. Jesse's sister buys a bag that weighs $8 \frac{4}{5}$ pounds. Jesse buys a bag that is $3 \frac{2}{5}$ pounds heavier. How many pounds of dog food do the two of them buy?

4 Mr. Hart works on a tool shed. He buys 25 feet of wood and has used $11 \frac{5}{6}$ feet so far. How much wood does Mr. Hart have left to work on his tool shed?

5 (MP) Reason Max builds a set of shelves. He buys a board that is 4 yards long. He wants to cut as many pieces of board that are $\frac{3}{4}$ yard long as he can. How many pieces can he cut? Will he have any board left over? If so, how much? Explain your thinking.

## Test Prep

6 Patrice makes $8 \frac{7}{12}$ cups of soup with broth, water, and vegetables. She adds $3 \frac{4}{12}$ cups of broth and $2 \frac{5}{12}$ cups of water. Which is the amount of vegetables Patrice adds?
(A) $5 \frac{9}{12}$ cups
(B) $5 \frac{3}{12}$ cups
(C) $2 \frac{10}{12}$ cups
(D) $\frac{11}{12}$ cups

7 Adam works $8 \frac{2}{6}$ hours Monday and $7 \frac{1}{6}$ hours Tuesday. How many hours can Adam work Wednesday if he cannot work more than 20 hours in a week?
(A) $3 \frac{3}{6}$ hours
(B) $4 \frac{3}{6}$ hours
(C) $7 \frac{3}{6}$ hours
(D) $8 \frac{3}{6}$ hours

8 Which is the solution to the problem below?
$8 \frac{1}{4}+3 \frac{2}{4}-4 \frac{3}{4}=$
(A) $11 \frac{3}{4}$
(B) 8
(C) $7 \frac{1}{4}$
(D) 7

## Spiral Review

9 Ray has $\$ 4.27$. He wants to buy a game that costs $\$ 3.30$. How much will Ray have left after he buys the game?

10 Alison buys 20 packs of cards for the holidays. There are 14 cards in each pack. How many cards does Alison buy?

