



Add and Subtract Mixed Numbers to Solve Problems

- 1** **Use Tools** Mario plays football and basketball for $3\frac{2}{3}$ hours. If he plays football for $2\frac{1}{3}$ hours, for how long does Mario play basketball? Represent the situation with a fraction model and an equation.
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- 2** **Math on the Spot** The driving distance from a sports arena to Kristina's house is $9\frac{7}{10}$ miles. The distance from the sports arena to Luke's house $3\frac{3}{10}$ miles. How much greater is the driving distance between the sports arena and Kristina's house than between the sports arena and Luke's house?
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- 3** Riley has 4 mixing bowls. Each bowl has $1\frac{5}{8}$ cups of flour. How many cups of flour does Riley have? Show your work.
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Find the sum. Write your answer as a mixed number.

4 $1\frac{3}{5} + 2\frac{1}{5} =$ _____

5 $\frac{4}{8} + \frac{6}{8} =$ _____

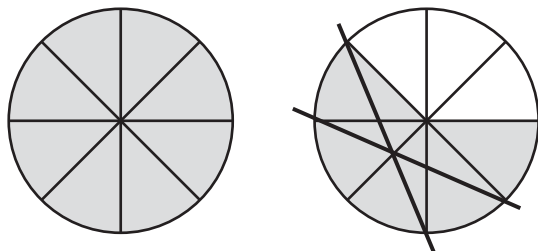
Find the difference. If possible, write your answer as a mixed number.

6 $3\frac{9}{12} - 1\frac{6}{12} =$ _____

7 $5\frac{6}{8} - 3\frac{4}{8} =$ _____

Test Prep

- 8 Which subtraction sentence matches the fraction model?



- (A) $1\frac{4}{8} - \frac{3}{8}$ (C) $1\frac{3}{8} - \frac{5}{8}$
(B) $2 - \frac{4}{8}$ (D) $1\frac{5}{8} - \frac{4}{8}$
- 9 Terry adds $3\frac{2}{6} + 4\frac{5}{6}$ and gets $7\frac{1}{6}$. Which could be Terry's mistake?

- (A) Terry added the numerators incorrectly.
(B) Terry subtracted instead of adding.
(C) Terry forgot to add 1 to the whole number.
(D) Terry added instead of subtracting.
- 10 Find the difference. $8\frac{3}{4} - 6\frac{1}{4} = ?$

- (A) $14\frac{2}{4}$ (C) $2\frac{4}{4}$
(B) $14\frac{1}{4}$ (D) $2\frac{2}{4}$

Spiral Review

- 11 Write $\frac{4}{10}$ as a fraction and as a decimal in hundredths.

Fraction _____

Decimal _____

- 12 There are 1,760 yards in a mile. Jim runs 4 miles. How many yards does he run?
