Estimating Sums and Differences of Mixed Numbers

Round to the nearest whole number.

1. $3\frac{3}{8}$ _____ **2.** $6\frac{5}{11}$ _____ **3.** $1\frac{11}{20}$ _____ **4.** $12\frac{6}{13}$ _____

Estimate each sum or difference.

5. $3\frac{1}{4} + 2\frac{5}{6}$ _____

6. $5\frac{6}{9} - 1\frac{3}{4}$ _____

7. $5\frac{5}{13} + 8\frac{3}{5}$ _____

8. $11 - 6\frac{3}{7} + 2\frac{2}{5}$ _____

Robert and May are competing in a track meet. The table at the right shows the results of their events.

9. Robert says his better jump was about 1 ft longer than May's better jump. Is he correct?

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Participant	Event	Results/Distance
Robert	Long jump	**1.** $6\frac{5}{12}$ ft **2.** $5\frac{2}{3}$ ft
	Softball throw	$62\frac{1}{5}$ ft
May	Long jump	**1.** $4\frac{2}{3}$ ft **2.** $4\frac{3}{4}$ ft
	Softball throw	$71\frac{7}{8}$ ft

10. Use the table above. If the school record for the softball throw is 78 ft, about how much farther must Robert throw the ball to match the record?

  A 15 ft   **B** 16 ft   **C** 18 ft   **D** 20 ft

11. Consider the sum of $\frac{3}{5} + \frac{3}{4}$. Round each fraction and estimate the sum. Add the two fractions using a common denominator and then round the result. Which estimate is closer to the actual answer?

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