Name

Practice

7-4

Estimating Sums and Differences of Mixed Numbers

Round to the nearest whole number.

1. $3\frac{4}{9}$ _____ **2.** $5\frac{6}{7}$ _____

Estimate each sum or difference.

- **5.** $2\frac{1}{4} + 3\frac{5}{6}$ _____
- **7.** $8\frac{5}{13} + 5\frac{3}{5}$

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

9. Rodrigo claims his best jump was about 1 ft longer than Mel's best jump. Is he correct?

3.	$2\frac{2}{5}$	 4.	$11\frac{12}{15}$	
	-			



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

Participant	Event	Results/Distance	
Deduine	Long jump	1. $6\frac{3}{8}$ ft 2. $5\frac{5}{6}$ ft	
Roarigo	Softball throw	62 <u>1</u> ft	
Mal	Long jump	1. $4\frac{7}{10}$ ft 2. $4\frac{3}{4}$ ft	
IVIEI	Softball throw	71 <u>7</u> 8 ft	

Practice 7-4

10. Use the table above. If the school record for the softball throw is78 ft, about how much farther must Rodrigo throw the ball to match the record?

A 15 ft B 16 ft C 18 ft D

11. Writing to Explain 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 closest to the actual answer?