

Homework

The chart at the right shows the time each member of a relay team ran during a race.

Use the data to answer each question.

Jack	47.51 sec
Dusty	47.49 sec
Brandon	47.6 sec
Raj	47.57 sec

- How much longer did Jack run than Dusty?

- How much time did it take Brandon and Raj to complete their two legs of the race combined?

- Which two runners had the greatest difference in their running times? What is the difference?

Copy each exercise. Then add or subtract.

4. $0.9 + 0.06 = \underline{\quad}$

5. $0.47 + 0.25 = \underline{\quad}$

6. $0.56 + 0.91 = \underline{\quad}$

7. $1.4 - 0.9 = \underline{\quad}$

8. $5 - 1.5 = \underline{\quad}$

9. $3.7 - 2.49 = \underline{\quad}$

10. $0.08 + 0.6 = \underline{\quad}$

11. $0.48 + 0.39 = \underline{\quad}$

12. $19 + 1.04 = \underline{\quad}$

13. $3 - 0.05 = \underline{\quad}$

14. $4.09 - 0.2 = \underline{\quad}$

15. $6.07 - 4 = \underline{\quad}$

Remembering

Use benchmarks of 0, $\frac{1}{2}$, and 1 to estimate the sum or difference. Then find the actual sum or difference.

1. $\frac{7}{12} + \frac{5}{6}$

Estimate: _____

Sum: _____

2. $\frac{4}{9} - \frac{7}{18}$

Estimate: _____

Difference: _____

Solve. Explain how you know your answer is reasonable.

Show your work.

3. Jordan is making a beaded necklace. Two thirds of the beads she uses are red and $\frac{4}{21}$ of the beads are blue. She wants the rest to be white. What fraction of the beads should be white?

Answer: _____

Why is the answer reasonable?

Compare. Write $>$ (greater than) or $<$ (less than).

4. $0.2 \bigcirc 0.19$

5. $0.564 \bigcirc 0.602$

6. $0.08 \bigcirc 0.8$

7. **Stretch Your Thinking** Draw a diagram that shows $0.27 + 0.23 = \frac{1}{2}$.