

**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

1. How much longer did Jack run than Dusty?

\_\_\_\_\_

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

\_\_\_\_\_

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

\_\_\_\_\_

Copy each exercise. Then add or subtract.

4.  $0.9 + 0.06 =$  \_\_\_\_\_

5.  $0.47 + 0.25 =$  \_\_\_\_\_

6.  $0.56 + 0.91 =$  \_\_\_\_\_

7.  $1.4 - 0.9 =$  \_\_\_\_\_

8.  $5 - 1.5 =$  \_\_\_\_\_

9.  $3.7 - 2.49 =$  \_\_\_\_\_

10.  $0.08 + 0.6 =$  \_\_\_\_\_

11.  $0.48 + 0.39 =$  \_\_\_\_\_

12.  $19 + 1.04 =$  \_\_\_\_\_

13.  $3 - 0.05 =$  \_\_\_\_\_

14.  $4.09 - 0.2 =$  \_\_\_\_\_

15.  $6.07 - 4 =$  \_\_\_\_\_

## 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?

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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  $0.27 + 0.23 = \frac{1}{2}$ .