



MULTIPLE CHOICE

1. Which shows the difference $6\frac{4}{9} - 2\frac{2}{3}$? (8-8)
- A. $4\frac{2}{9}$ **B. $3\frac{7}{9}$** C. $4\frac{7}{9}$ D. $4\frac{2}{6}$
2. Which shows the best estimate of $3\frac{3}{5} + 2\frac{3}{8} + 4\frac{1}{8} + 4\frac{9}{10}$? (8-6)
- A. 13 **B. 15** C. 16 D. 14

FREE RESPONSE


Estimate each sum or difference. Round to the nearest whole number. (8-6)

3. $4\frac{4}{5} + 3\frac{2}{7}$ **8** 4. $5\frac{3}{5} - 2\frac{1}{3}$ **4** 5. $3\frac{11}{13} + 4\frac{1}{4} + \frac{4}{7}$ **9**

Add or subtract. Simplify, if necessary. You may use fraction strips or draw pictures to help. (8-5, 8-7, 8-8)

6. $2\frac{1}{8} + 3\frac{3}{4}$ **$5\frac{7}{8}$** 7. $8\frac{3}{7} - 5\frac{5}{7}$ **$2\frac{5}{7}$** 8. $7\frac{2}{3} + 5\frac{1}{2}$ **$13\frac{1}{6}$** 9. $6\frac{3}{4} + 8\frac{1}{3}$ **$15\frac{1}{12}$**
10. $8\frac{3}{10} - 5\frac{3}{4}$ **$2\frac{11}{20}$** 11. $13\frac{1}{7} - 6\frac{1}{2}$ **$6\frac{9}{14}$** 12. $3\frac{5}{6} + 8\frac{1}{4}$ **$12\frac{1}{12}$** 13. $8\frac{1}{10} + 2\frac{3}{5} + 3\frac{1}{2}$ **$14\frac{1}{5}$**
14. Montell's family made a 1,500-mile trip in 3 days. On Day 3, they traveled 750 miles. On Day 2, they stopped at an amusement park, so they only traveled 200 miles. How many miles did they travel on Day 1? (8-9)
550 miles
15. The Storm had a net gain of 10 yards in 4 plays, for a first down. During the last three plays, they passed for 7 yards, lost 5 yards, and ran for 6 yards. How many yards did the Storm gain on their first play? (8-9)
2 yards
16. **Sample answer: The distance from the cabins to the campground plus the distance from the campground to the beach.**

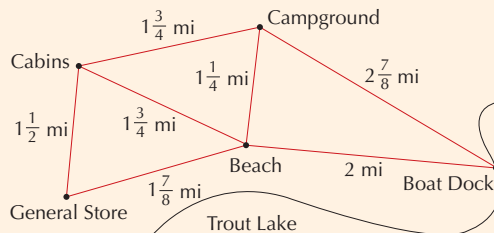
TEST TALK



Think It Through
When working backward, remember to **use the inverse operations** of each change.

Writing in Math

16. Describe a sum of two distances on the map that equals 3 miles. (8-7)
See above.
17. What is the shortest route to go from the campground to the general store? Explain how you know. (8-7)



The shortest route is from the campground to the beach and then to the general store. The sum of the distances is $3\frac{1}{8}$ mi. When you add the distances for other routes, the sum is greater than $3\frac{1}{8}$ miles.