
SAMPLE SECTION: I [GOAL: 10-15 Min., All Correct] Score: _____/10**Solve these fractions:**

1.
$$\frac{5}{9} \div 1 \frac{3}{9} \div \frac{3}{9}$$

2.
$$1 \frac{7}{8} + \frac{6}{10} \times 3 \frac{1}{3}$$

3.
$$\frac{6}{8} \times 1 \frac{4}{6} + \frac{3}{6}$$

4.
$$\frac{3}{6} + \frac{2}{3} \div \frac{5}{10}$$

5.
$$3 \frac{2}{3} \div 1 \frac{3}{9} \times \frac{4}{9}$$

6.
$$\frac{5}{9} + 4 \frac{2}{3} \div 2$$

7.
$$1 \frac{2}{3} \times \frac{4}{6} + \frac{6}{9}$$

8.
$$3 \frac{1}{4} \times 1 \frac{1}{7} \div \frac{4}{8}$$

9.
$$\frac{3}{9} + \frac{6}{9} \times \frac{3}{8}$$

10.
$$4 \frac{1}{3} + 1 \frac{1}{3} \div \frac{6}{9}$$

SAMPLE

Score: _____/15

Match the measurement on the left with the correct measurement on the right.

- | | |
|----------------------|---------------|
| 1. _____ 1 L (qt) | A. 0.0625 gal |
| 2. _____ 1 L (gal) | B. 3.79 L |
| 3. _____ 1 L (oz) | C. 0.95 L |
| 4. _____ 1 c (mL) | D. 0.004 c |
| 5. _____ 1 c (gal) | E. 0.25 gal |
| 6. _____ 1 gal | F. 1.06 qt |
| 7. _____ 1 oz | G. 33.81 oz |
| 8. _____ 1 mL | H. 0.03 L |
| 9. _____ 1 qt (L) | I. 0.26 gal |
| 10. _____ 1 qt (gal) | J. 236.59 mL |

Word Problems:

11-13. The attendance at a game is 36,000 people. 75% of them are students whose ticket price is \$10 and the rest pay \$25.

11. Calculate the total number of students.

12. Who pays more total - students or non-students? By how much?

13. How much money was made on ticket sales at the game?

14-15. Gas prices increase 10% from \$1.50 per gallon.

14. What is the cost of 10 gallons of gas at the new price?

15. How much more money is spent at this price than at the previous price for the 10 gallons?
