

**CHAPTER 4 At-Home Practice**  
**4 Adding and Subtracting Fractions**

Estimate each sum or difference.

1.  $\frac{1}{8} + 2\frac{5}{6}$

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2.  $14\frac{4}{7} - 9\frac{8}{9}$

\_\_\_\_\_

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

\_\_\_\_\_

4.  $12\frac{7}{9} + 4\frac{2}{13}$

\_\_\_\_\_

5.  $33\frac{3}{7} - 2\frac{6}{11}$

\_\_\_\_\_

6.  $8\frac{2}{21} + 3\frac{4}{9}$

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Add or subtract. Write each answer in simplest form.

7.  $\frac{2}{7} + \frac{3}{7}$

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8.  $16\frac{3}{4} - 5\frac{1}{2}$

\_\_\_\_\_

9.  $\frac{11}{12} - \frac{2}{3}$

\_\_\_\_\_

10.  $4\frac{3}{8} - 2\frac{1}{6}$

\_\_\_\_\_

11.  $5\frac{6}{7} + 13\frac{1}{5}$

\_\_\_\_\_

12.  $9\frac{1}{9} + 3\frac{1}{3}$

\_\_\_\_\_

13.  $\frac{11}{12} - \frac{2}{6}$

\_\_\_\_\_

14.  $3\frac{1}{5} + 4\frac{3}{10}$

\_\_\_\_\_

15.  $4\frac{8}{9} - 3\frac{1}{5}$

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Answers: 1.  $\frac{17}{8}$  2.  $4\frac{2}{3}$  3.  $10\frac{11}{12}$  4.  $16\frac{101}{117}$  5.  $30\frac{20}{77}$  6.  $10\frac{11}{12}$  7.  $2\frac{5}{7}$  8.  $10\frac{3}{4}$  9.  $9\frac{10}{9}$  10.  $2\frac{1}{6}$  11.  $18\frac{31}{35}$  12.  $12\frac{4}{9}$  13.  $1\frac{7}{12}$  14.  $7\frac{1}{2}$  15.  $1\frac{31}{45}$

**CHAPTER** **Family Fun**  
**4** **Quotable Quotes**

**Directions**

The product is given in the first column. Find the correct expression for each product in the shaded columns. Then write the letter of the answer on the lines below to solve the puzzle.

<b>1. 0.0672</b>	<b>R</b> $2.8 \times 0.24$	<b>S</b> $0.28 \times 2.4$	<b>T</b> $0.028 \times 2.4$
<b>2. 0.00385</b>	<b>H</b> $0.005 \times 0.77$	<b>I</b> $0.05 \times 7.7$	<b>J</b> $0.05 \times 0.77$
<b>3. 2.6656</b>	<b>M</b> $39.2 \times 6.8$	<b>N</b> $3.92 \times 6.8$	<b>O</b> $3.92 \times 0.68$
<b>4. 0.00027</b>	<b>L</b> $0.03 \times 0.09$	<b>M</b> $0.003 \times 0.09$	<b>N</b> $0.003 \times 0.9$
<b>5. 2.09709</b>	<b>A</b> $8.63 \times 0.243$	<b>B</b> $86.3 \times 24.3$	<b>C</b> $8.63 \times 2.43$
<b>6. 277.178</b>	<b>R</b> $29.3 \times 94.6$	<b>S</b> $2.93 \times 94.6$	<b>T</b> $293 \times 9.46$
<b>7. 1.2789</b>	<b>E</b> $18.27 \times 0.07$	<b>F</b> $1.827 \times 0.07$	<b>G</b> $0.1827 \times 0.07$
<b>8. 238.018</b>	<b>B</b> $34.9 \times 68.2$	<b>C</b> $3.49 \times 6.82$	<b>D</b> $3.49 \times 68.2$
<b>9. 0.49928</b>	<b>I</b> $0.079 \times 6.32$	<b>J</b> $0.79 \times 6.32$	<b>K</b> $0.79 \times 63.2$
<b>10. 0.5133</b>	<b>S</b> $0.59 \times 0.87$	<b>T</b> $0.059 \times 0.087$	<b>U</b> $5.9 \times 8.7$
<b>11. 19.64928</b>	<b>M</b> $2.04 \times 96.32$	<b>O</b> $0.204 \times 96.32$	<b>N</b> $20.4 \times 96.32$
<b>12. 44.436</b>	<b>N</b> $4.83 \times 9.2$	<b>O</b> $48.3 \times 9.2$	<b>P</b> $4.83 \times 0.92$

Which genius made this famous remark?

*Genius is one percent inspiration and ninety-nine percent perspiration.*

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
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Answer: Thomas Edison