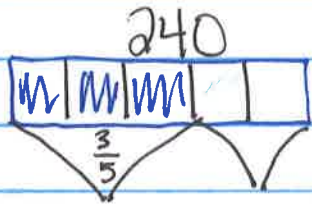


M4-L10 - Compare + Evaluate Expressions w/ Parenthesis

AP

Bridget spent \$48 more than she saved.



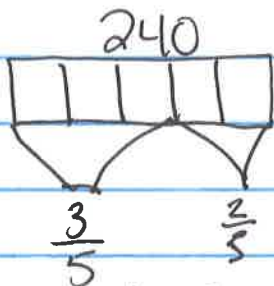
spent saved

$$\begin{array}{r}
 \overset{1}{\cancel{2}}\overset{13}{4}0 \\
 - 144 \\
 \hline
 96
 \end{array}
 \qquad
 \begin{array}{r}
 \overset{0}{\cancel{1}}\overset{13}{4}\overset{14}{4} \\
 - 96 \\
 \hline
 48
 \end{array}$$

$$\frac{3}{5} \text{ of } 240$$

$$\frac{3 \times 240}{5} = \frac{720}{5}$$

$$\begin{array}{r}
 144 \\
 5 \overline{)720} \\
 \underline{5} \phantom{0} \\
 22 \\
 \underline{20} \\
 20 \\
 \underline{20} \\
 0
 \end{array}$$



spent saved

$$\frac{1}{5} = \$48$$

$$\frac{3}{5} - \frac{2}{5} = \frac{1}{5}$$

$$\frac{1}{5} \text{ of } 240$$

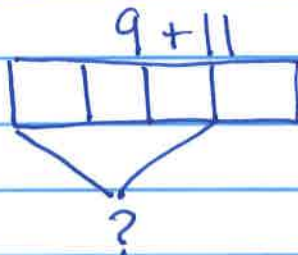
$$\frac{240 \times 1}{5} = \frac{240}{5}$$

$$\begin{array}{r}
 48 \\
 5 \overline{)240} \\
 \underline{20} \phantom{0} \\
 40 \\
 \underline{40} \\
 0
 \end{array}
 = 48$$

# M4·L10 - Compare and Evaluate Expressions w/ Parenthesis

## Fluency

12 in = <u>1</u> ft	}	2 c = <u>1</u> pt	}	4 qt = <u>1</u> gal
24 in = <u>2</u> ft		4 c = <u>2</u> pt.		8 qt = <u>2</u> gal
36 in = <u>3</u> ft		6 c = <u>3</u> pt		12 qt = <u>3</u> gal
48 in = <u>4</u> ft		16 c = <u>8</u> pt		24 qt = <u>6</u> gal
120 in = <u>10</u> ft				



whole: sum of 9 and 11  
part:  $\frac{3}{4}$

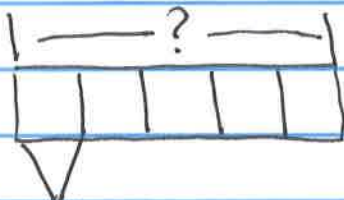
Three fourths of the  
sum of 9 and 11

$$\frac{3}{4} \times (9 + 11)$$

$$\frac{3}{4} \times 20$$

$$\frac{3 \times \cancel{20}^5}{\cancel{4}^1} = \frac{15}{1}$$

$$= 15$$



$$\frac{1}{3} - \frac{1}{4}$$

the difference bw one third  
and one fourth.

multiply by 5

Five times the difference  
between one third and  
one ~~third~~ fourth

$$5 \times \left(\frac{1}{3} - \frac{1}{4}\right)$$

$$5 \times \left(\frac{4}{12} - \frac{3}{12}\right)$$

$$5 \times \frac{1}{12} =$$

$$\frac{5 \times 1}{12}$$

$$= \frac{5}{12}$$

The (product of 4 and 2) divided by 3

$$(4 \times 2) \div 3 = \frac{4 \times 2}{3} = \frac{8}{3} \quad 3 \overline{) \frac{8}{6}} = 2 \frac{2}{3}$$

---

$$2 \div 3 \times 4$$

$$\cancel{2} \frac{2}{3} \times 4$$

$$\frac{2 \times 4}{3} = \frac{8}{3} = 2 \frac{2}{3}$$

4 thirds doubled

$$\frac{4}{3} \times 2 =$$

$$\frac{4 \times 2}{3} = \frac{8}{3} = 2 \frac{2}{3}$$

$$2 \div (3 \times 4)$$

$$2 \div 12 = \frac{2}{12} = \frac{1}{6}$$

$$\frac{2}{3} \times 4$$

$$\frac{2 \times 4}{3} = \frac{8}{3} = 2 \frac{2}{3}$$

4 copies of the sum  
of one third and one third

$$4 \times \left( \frac{1}{3} + \frac{1}{3} \right)$$

$$4 \times \frac{2}{3}$$

$$\frac{4 \times 2}{3} = \frac{8}{3} = 2 \frac{2}{3}$$

$$(2 \div 3) \times 4$$

$$\frac{2}{3} \times 4$$

$$\frac{2 \times 4}{3} = \frac{8}{3} = 2 \frac{2}{3}$$



$\frac{1}{8}$  the sum of 6 and 14  $\bigcirc (6+14) \div 8$

$$\frac{1}{8} \times (6+14) \bigcirc (6+14) \div 8$$

$$\frac{1 \times (6+14)}{8} \equiv \frac{(6+14)}{8}$$

$4 \times \frac{8}{3} \bigcirc 4$  times the quotient of 3 and 8

$$4 \times \frac{8}{3} \bigcirc 4 \times \frac{3}{8}$$

Subtract 2 from  $\frac{1}{2}$  of 9  $\bigcirc (11 \div 2) - 2$

$$(\frac{1}{2} \times 9) - 2 \bigcirc (11 \div 2) - 2$$