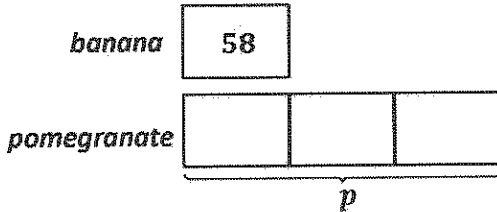# G4-M3-Lesson 13

Solve using the RDW process.

1. A banana costs 58¢. A pomegranate costs 3 times as much. What is the total cost of a pomegranate and 5 bananas?
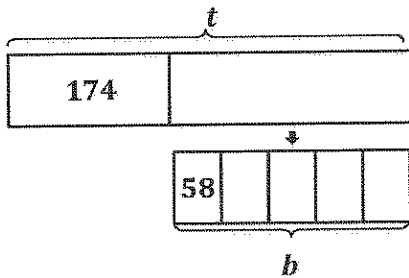
| banana | 58 | | |
|---|---|---|---|

pomegranate ⎨ ⎬ p

$p = 3 \times 58$
$p = 174$

$$\begin{array}{r} 5\ 8 \\ \times\qquad 3 \\ \hline {\scriptstyle 2} \\ 1\ 7\ 4 \end{array}$$

If one unit equals 58, then three units equal 174.

I find the cost of 1 pomegranate.

t ⎨ 174 | ⎬

58 ⎨ | | | ⎬ b

$b = 5 \times 58$
$b = 290$

$$\begin{array}{r} 5\ 8 \\ \times\qquad 5 \\ \hline {\scriptstyle 4} \\ 2\ 9\ 0 \end{array}$$
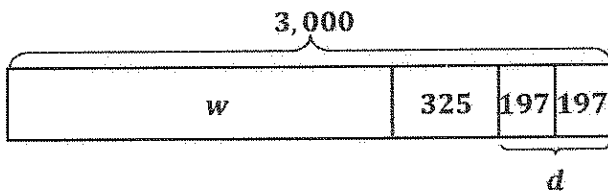
$t = 174 + 290$
$t = 464$

I add to find the total.

I find the cost of 5 bananas.

*The total cost of a pomegranate and 5 bananas is 464¢.*

2. Mr. Turner gave his 2 daughters $197 each. He gave his mother $325. He gave his wife money as well. If Mr. Turner gave a total of $3,000, how much did he give to his wife?

3,000

| w | 325 | 197 | 197 |
|---|---|---|---|

d

$w = 3,000 - 719$
$w = 2,281$

$$\begin{array}{r} 1\ 9\ 7 \\ \times\qquad\ 2 \\ \hline {\scriptstyle 1\ 1} \\ 3\ 9\ 4 \end{array}$$

$d = 197 \times 2$
$d = 394$

$$\begin{array}{r} 3\ 2\ 5 \\ +\ 3\ 9\ 4 \\ \hline {\scriptstyle 1} \\ 7\ 1\ 9 \end{array}$$

$$\begin{array}{r} {\scriptstyle 2\ \ 9\ \ 9\ \ 10} \\ 3,\ \cancel{0}\ \ \cancel{0}\ \ \cancel{0} \\ -\qquad 7\ 1\ 9 \\ \hline 2,\ 2\ 8\ 1 \end{array}$$

*Mr. Turner gave $2,281 to his wife.*

I find the amount Mr. Turner gave to his 2 daughters.

I add to find the total given to his daughters and mother.

I subtract to find the amount he gave to his wife.

Lesson 13:        Use multiplication, addition, or subtraction to solve multi-step word problems.

**EUREKA MATH**