

Jacqueline

One zip weighs as much as 3 zaps.

2 zaps weigh as much as 5 zowies.

3 zowies weigh as much as 2 swooshes.

If one swoosh weighs 60 pounds, how many pounds does a zip weigh?

zip

$$1 = 3 \text{ ZAPS} = 300 \text{ pounds}$$

$$2 \text{ ZAPS} = 5 \text{ ZOWIES} \quad 200 \text{ pounds}$$

$$3 \text{ ZOWIES} = 2 \text{ SWOOSHES} \quad 120 \text{ pounds}$$

$$1 \text{ SWOOSH} = 60 \text{ pounds}$$

$$2 \overline{) 200}$$

$$120 \quad 3 \overline{) 120} \quad 40$$

$$\begin{array}{r} 120 \\ 40 \\ \hline 160 \\ 40 \\ \hline 200 \end{array}$$



Jacqueline's Smartboard Work

$$1\Delta = \square\square\square$$

$$2\square = \textcircled{\bullet}\textcircled{\bullet}\textcircled{\bullet}\textcircled{\bullet}\textcircled{\bullet}\textcircled{\bullet}$$

$$3\textcircled{\bullet} = \diamond\diamond$$

$$1\diamond = 60\text{lbs}$$

$$300:\Delta = \text{Zip}$$

$$100:\square = \text{ZAp}$$

$$40:\textcircled{\bullet} = \text{Zowie's}$$

$$60:\diamond = \text{Swoosh}$$

# Cynthia

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 If one swoosh weighs 60 pounds, how many pounds does a zip weigh?

One Zip = 3 zaps  
 2 zaps = 5 zowies  
 3 zowies = 2 swooshes

1800

One swoosh = 60 pounds

1 zip = 3 zaps  
~~1000~~ 1000  
 2 zaps = 5 zowies  
~~1000~~ 1000  
 3 zowies = 2 swooshes  
~~1000~~ 120

NYSED Common Core/TASC Math Teacher Learning & Leadership Institute

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One swoosh = 60 pounds

1 zip = 3 zaps  
~~1000~~ 100 1000 1000  
 2 zaps = 5 zowies  
~~1000~~ 100 1000 200  
 3 zowies = 2 swooshes  
~~1000~~ 120  
 40

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Craig

$$\begin{array}{r} 40 \\ 3 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 7 \\ 3 \overline{) 100} \\ 21 \\ \hline 10 \end{array}$$

$$3 \overline{) 200}$$

$$\begin{array}{r} 40 \\ 5 \\ \hline 200 \end{array}$$

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$$\begin{array}{r} 40 \\ 5 \\ \hline 200 \end{array}$$

$$2 \overline{) 40}$$

$$\begin{array}{r} 40 \\ 5 \\ \hline 200 \end{array}$$

$$2 \overline{) 120}$$

If one swoosh weighs 60 pounds, how many pounds does a zip weigh?

$$\begin{array}{r} 40 \\ 5 \\ \hline 200 \end{array}$$