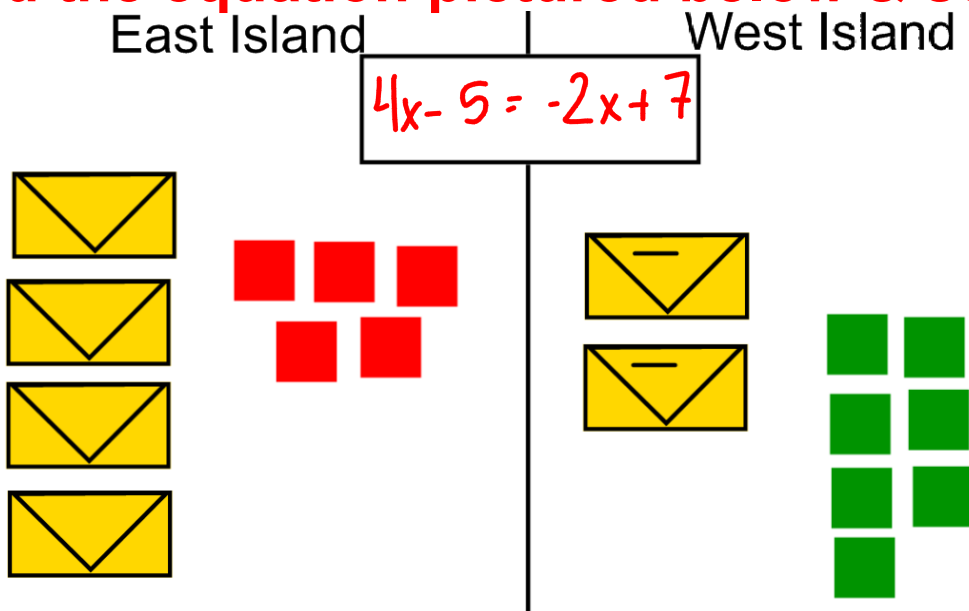


Bell Work

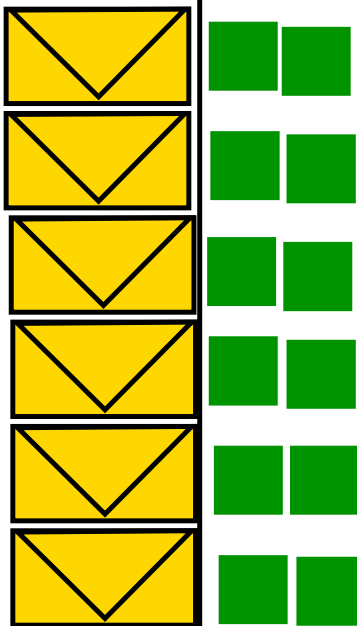
2/4/2015

**Find the equation pictured below & solve.**



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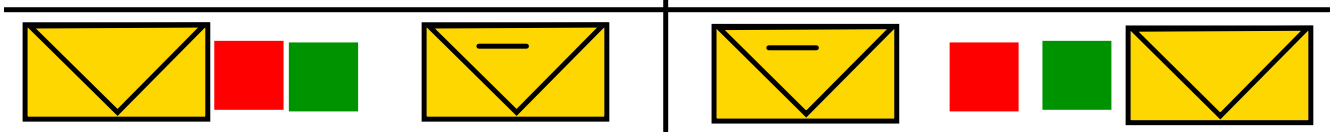
$$4x - 5 = -2x + 7$$



$$\begin{aligned} 4x - 5 &= -2x + 7 \\ +2x & \quad +2x \\ \hline 6x - 5 &= 7 \\ +5 & \quad +5 \end{aligned}$$

$$\frac{6x}{6} = \frac{12}{6}$$

$$x = 2$$



- pizzazz pg. 41

## CRYPTIC QUIZ

1. Why does Beethoven now spend all his time erasing music?

H E I S D E C O M P O S I N G  
 16 6 -4 10 -3 6 -9 7 20 -5 7 10 -4 3 21

2. What is it called when a sea bird lands on a channel marker?

B U O Y M E E T S G U L L  
 -36 9 7 -8 20 6 6 -2 10 21 9 11 11

3. How does a tree feel after a hard day at work?

B U S H E D  
 -36 9 10 16 6 -3

TO DECODE THE ANSWERS TO THESE QUESTIONS:

Solve each equation below and find your answer in the code. Each time the solution appears, write the letter of that exercise above it.

ⓐ  $8u = 3u + 35$

Ⓝ  $7y = 33 - 4y$

ⓔ  $2x + 48 = 10x$

Ⓣ  $5t - 26 = 18t$

Ⓛ  $k = 8k + 28$

ⓖ  $-30n = -27n - 63$

ⓗ  $4x + 4 = 2x + 36$

ⓓ  $9y - 1 = y - 25$

Ⓟ  $14p - 8 = 22 + 20p$

Ⓛ  $z + 81 = 9z - 7$

Ⓨ  $39 - 12w = 7 - 16w$

Ⓒ  $-15v - 40 = 23 - 8v$

Ⓜ  $63 - x = 2x + 3$

Ⓤ  $3n + 46 = 1 + 8n$

Ⓑ  $12r - 18 = 13r + 18$

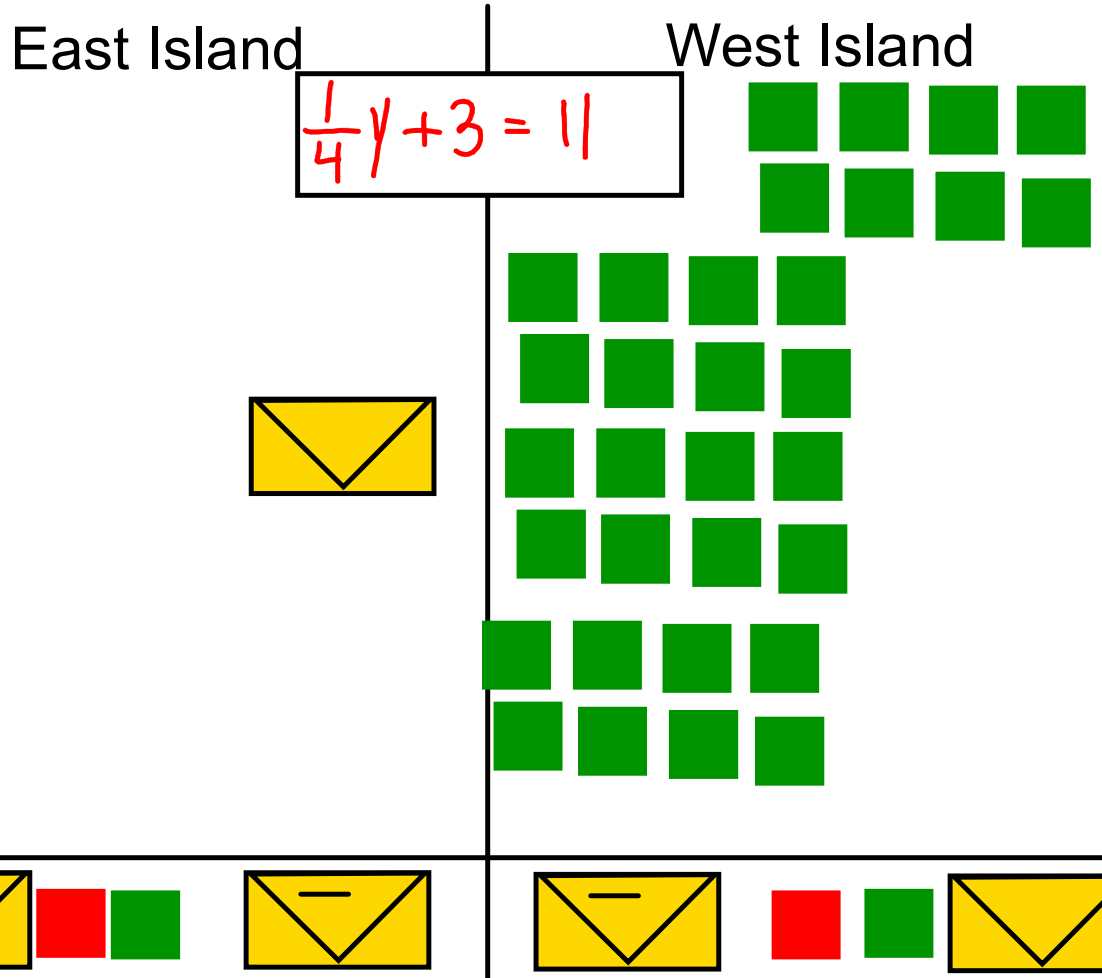
Ⓢ  $-x - 1 = x - 21$

OBJECTIVE 4-n: To solve equations having the variable in both sides.

ALGEBRA WITH PIZZAZZ!  
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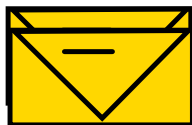
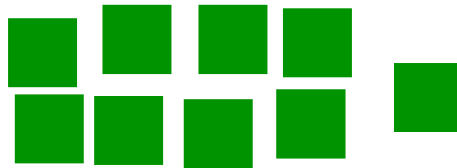
$-18 = r + 18$   
 $-18$   
 $-36 = r$



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$$-7 + \frac{x}{2} = 2$$

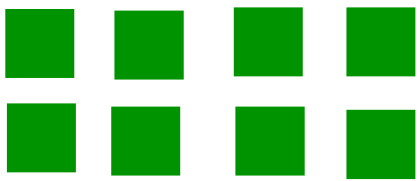
$\frac{1}{2}$   





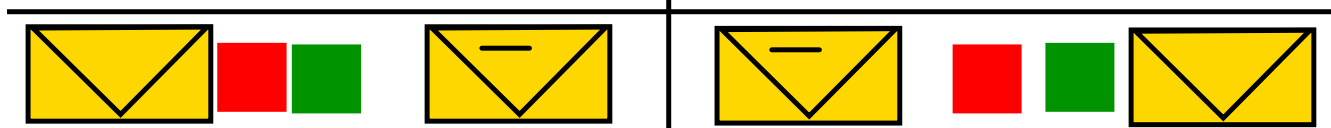
East Island                      West Island

$$\frac{m}{4} - 5 = 3$$

$\frac{1}{4}$   


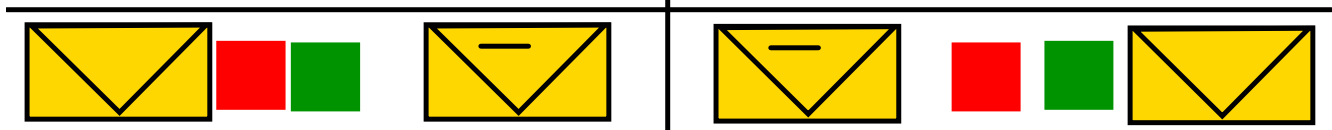
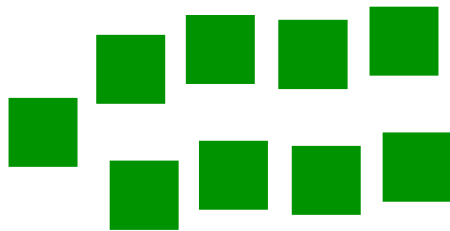


 = 32



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$8 = \frac{P}{3} - 1$

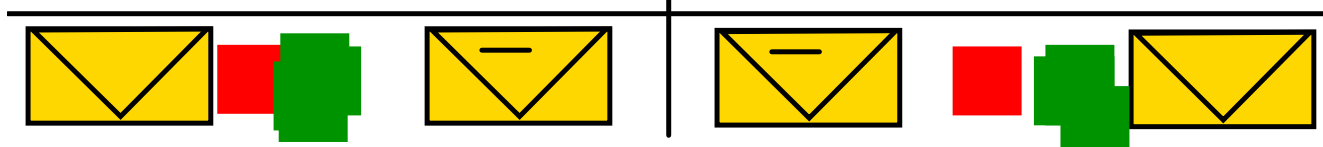
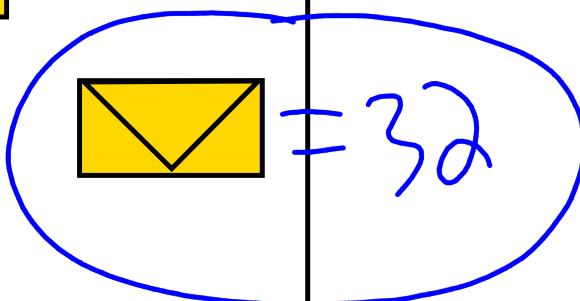


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$\frac{1}{4}y + 3 = 11$



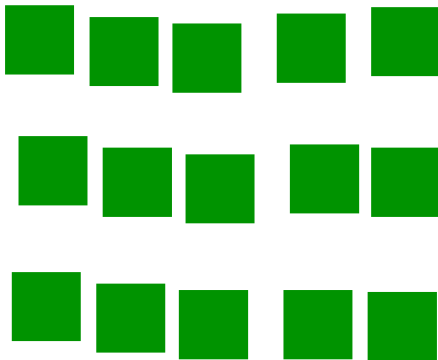
$\frac{1}{4}$  



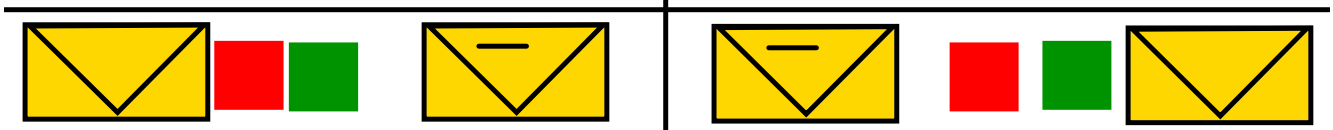


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$$14 = \frac{2}{3} - 1$$

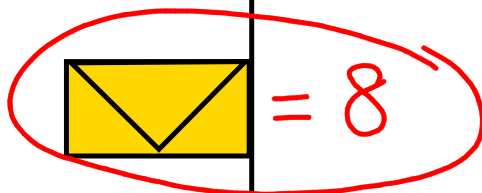


$$45 = \text{envelope icon}$$



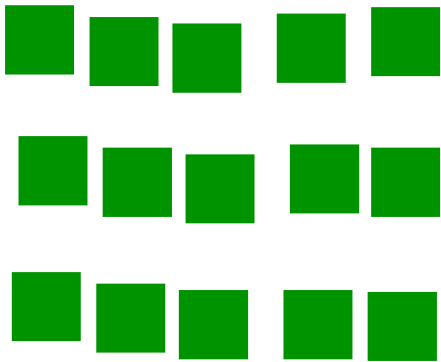
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$$\frac{3}{4} r - 6 = 0$$



East Island | West Island

$$14 = \frac{2}{3} - 1$$



$$45 = \text{envelope icon}$$

