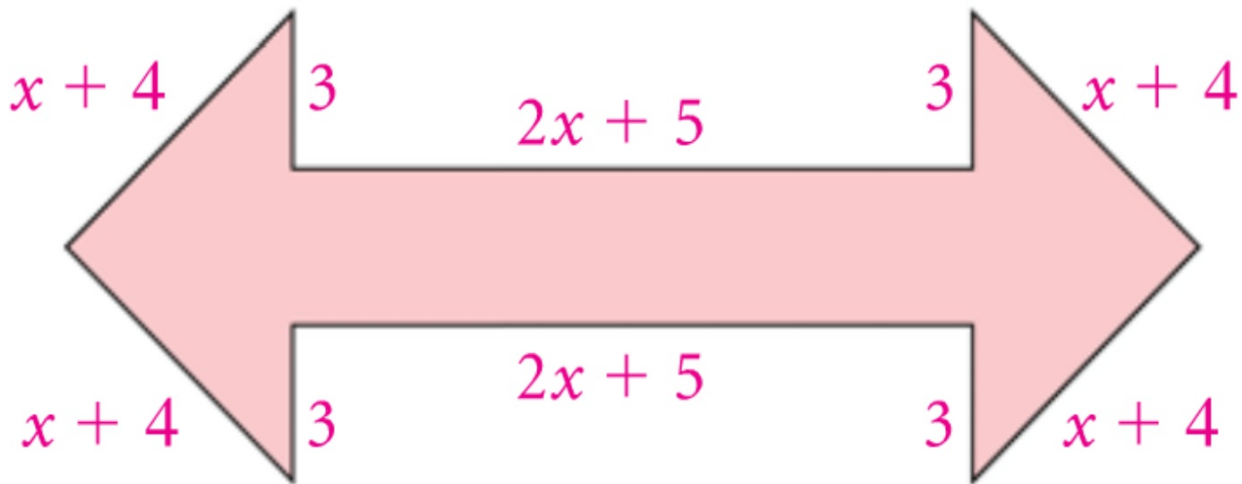


Algebra Bellwork - October 6, 2011
Write an expression for the **perimeter.**



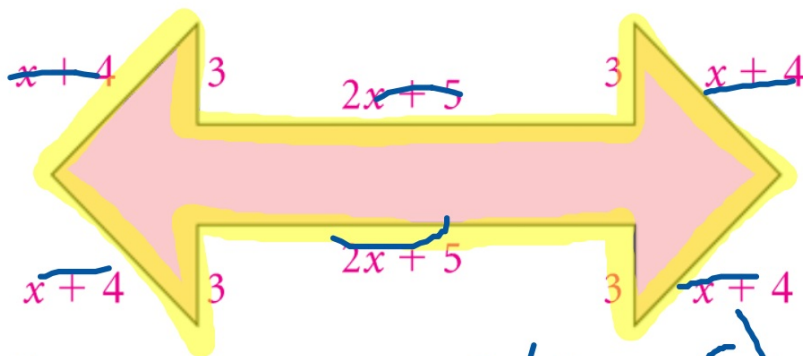
RIP Steve Jobs

p.62 #4-22 evens, 28, 30, 34, 39, 41, 43

Algebra Bellwork - October 6, 2011

Write an expression for the perimeter.

vocab.



$$8x + 38$$

$$4(x+4) + 2(2x+5) + 4 \cdot 3$$
$$(4x+16) + (4x+10) + 12$$

Commutative Property of Addition

$$a + b = b + a$$

Commutative Property of Multiplication

$$a \cdot b = b \cdot a$$

Associative Property of Addition

$$(a + b) + c = a + (b + c)$$

Associative Property of Multiplication

$$(a \cdot b) \cdot c = a \cdot (b \cdot c)$$

Example $3 + 7 = 7 + 3$

Example $3 \cdot 7 = 7 \cdot 3$

Example $(6 + 4) + 5 = 6 + (4 + 5)$

Example $(6 \cdot 4) \cdot 5 = 6 \cdot (4 \cdot 5)$

Evaluate each expression for

$$h = -2, j = 5, k = 4$$

$$\frac{1}{2} \div \frac{3}{2}$$

$$\frac{1}{2} \cdot \frac{2}{3}$$

$$\frac{2}{6}$$

$$\boxed{\frac{1}{3}}$$

$(-3)^2$	-3^2	$-(-3)^2$
$(-3)(-3)$	$-(3 \cdot 3)$	$-(-3)(-3)$
9	-9	-9