Distributive Property Guided Notes

Subject(s): Pre-Algebra, Algebra 1, Math 1

Teacher Key Now Included!

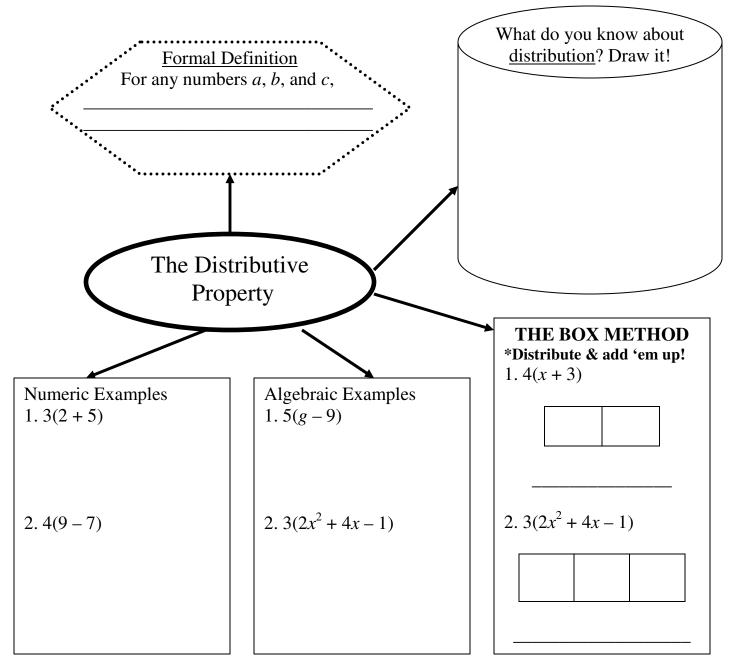
The Distributive Property

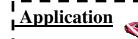
A(B+C) = AB + AC

MATH with Mrs. Holst

Introduce students to multiple ways of using the distributive property! These attractive guided notes show multiple ways of using the distributive property, including the box method, and include practice problems (You Do's) for the students. Both simple numeric and algebraic examples are included.

EQ: How do I use the distributive property to evaluate and simplify expressions?







The Hernandez family owns two cars. In 2009, they drove the first car 18,000 miles and the second car 16,000 miles. If it costs 65ϕ , on average, per mile to own and operate a vehicle, find the total cost of operating both cars.

YOU DO!

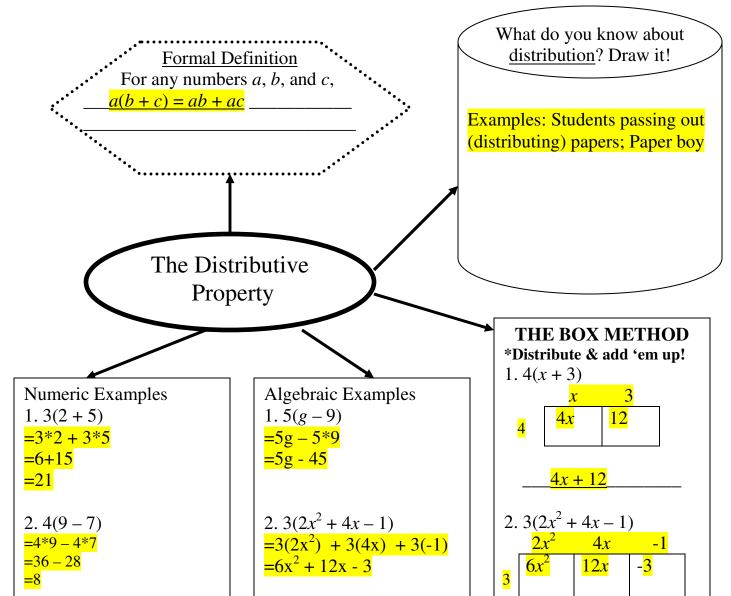
$$1.6(12-2)$$

$$2.2(4+t)$$

$$3.4(3g + 2)$$

$$4.\ 3(5x^2 - 4x + 1)$$







The Hernandez family owns two cars. In 2009, they drove the first car 18,000 miles and the second car 16,000 miles. If it costs 65ϕ , on average, per mile to own and operate a vehicle, find the total cost of operating both cars.

YOU DO!

$$1.6(12-2)$$

$$=6(12) - 6(2)$$

$$3. 4(3g + 2)$$
=4(3g) + 4(2)
=12g + 8

$$2.2(4+t)$$

$$=2(4) + 2(t)$$

 $6x^2 + 12x - 3$

$$=8+2t$$

$$4.3(5x^2 - 4x + 1)$$

$$=3(5x^{2}) - 3(4x) + 3(1)$$
$$= 15x^{2} - 12x + 3$$