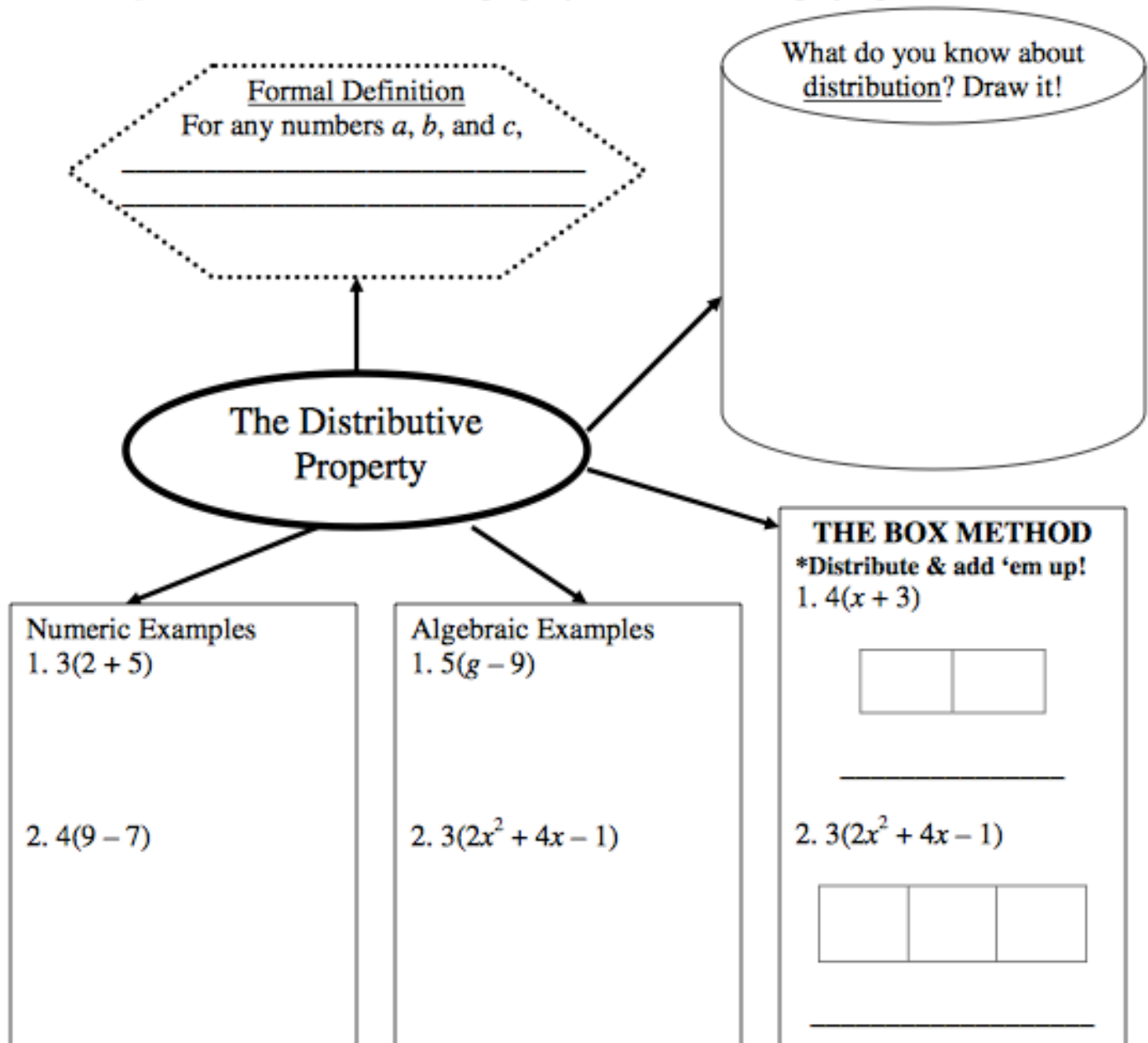


EQ: How do I use the distributive property to evaluate and simplify expressions?



Application



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 65¢, 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. $3(5x^2 - 4x + 1)$