



6 Apples

4 Apples



24 Apples

$$4 \text{ Apples} \times 6 \text{ Apples} = 24 \text{ Apples}$$



4 Apples

2 Apples

4 Apples



4 Apples

$$4 \text{ Apples} \times 4 \text{ Apples} = 16 \text{ Apples}$$

$$4 \text{ Apples} \times 2 \text{ Apples} = 8 \text{ Apples}$$

$$16 \text{ Apples} + 8 \text{ Apples} = 24 \text{ Apples}$$



2 Apples

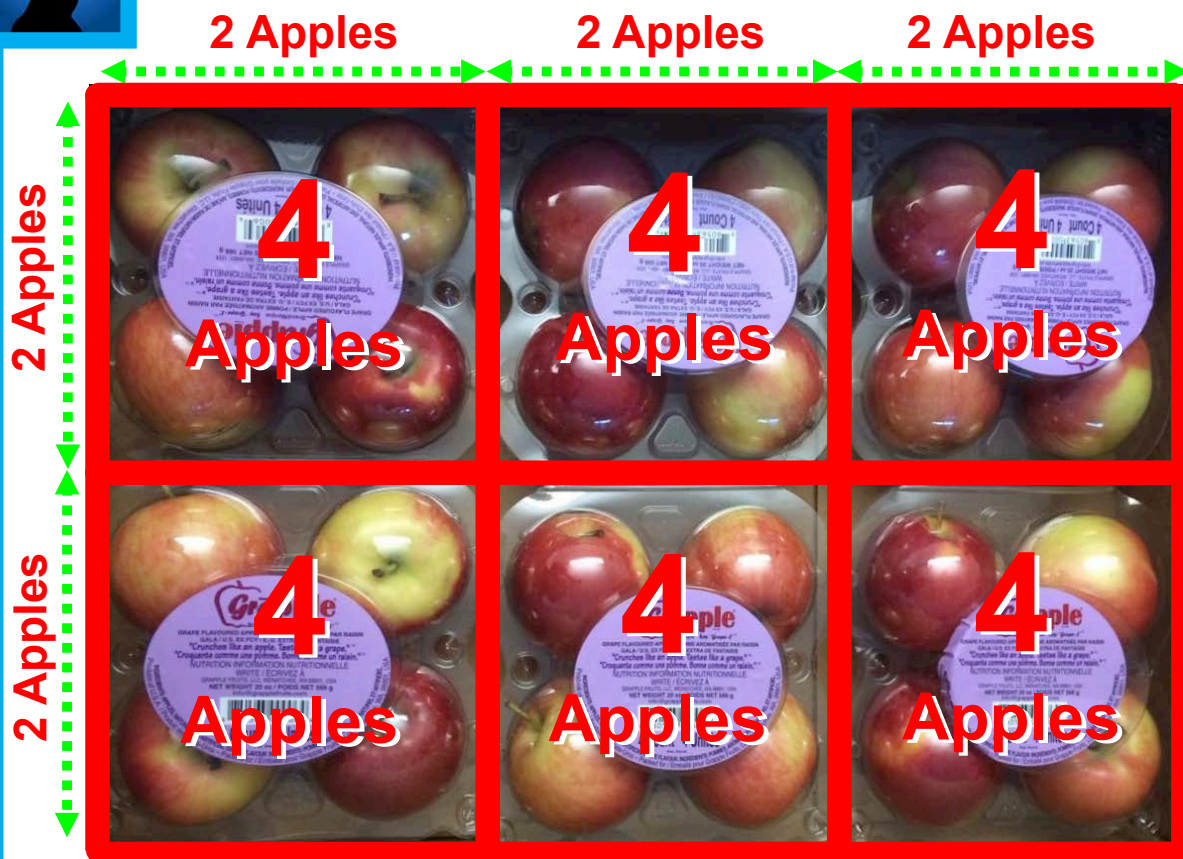
2 Apples

2 Apples

4 Apples

 $4 \text{ Apples} \times 2 \text{ Apples} = 8 \text{ Apples}$ $+ 4 \text{ Apples} \times 2 \text{ Apples} = 8 \text{ Apples}$ $+ 4 \text{ Apples} \times 2 \text{ Apples} = 8 \text{ Apples}$

 $3(4 \text{ Apples} \times 2 \text{ Apples}) = 3(8 \text{ Apples})$
 $= 24 \text{ Apples}$



$$\begin{aligned} & (2)(2) + (2)(2) + (2)(2) + (2)(2) + (2)(2) + (2)(2) \\ &= 2^2 + 2^2 + 2^2 + 2^2 + 2^2 + 2^2 \\ &= 6(2^2) \\ &= 6(4) \\ &= 24 \text{ Apples} \end{aligned}$$



$$\begin{aligned} & (x)(x) + (x)(x) + (x)(x) + (x)(x) + (x)(x) + (x)(x) \\ &= x^2 + x^2 + x^2 + x^2 + x^2 + x^2 \\ &= 6x^2 \end{aligned}$$

Evaluate when $x = 2$ apples

$$\begin{aligned} 6x^2 &= 6(2)^2 \\ &= 6(4) \\ &= 24 \text{ Apples} \end{aligned}$$



$$(2x)(3x)$$

$$= 6x^2$$

Evaluate when $x = 2$ apples

$$6x^2 = 6(2)^2$$

$$= 6(4)$$

$$= 24 \text{ Apples}$$