Multiply across zeros

Name:

.....

4 0 7
× 4

Estimate: Not the real answer

4 × _____ = 1,600

Distributive Property

4 x 407 = (×) + (×)

= ( ) + ( )

real answer = ( )

final product

Partial Products

4 0 7
× 4

0

+

Multiply with regrouping

+ □

2 , 2 0 4
× 3

□, □□□

Challenge question

3 × 1,203 = _____

Estimate: Not the real answer

3 × _____ = 3,600

Distributive Property

3 x 1,203 = (3 ×) + (3 ×200) + (3 ×)

= ( ) + ( ) + ( )

real answer = ( )

final product

+ □

1 , 1 0 5
× 5

□, □□□

Problem Solving

Neima School is collecting money to donate to a charity.
AED **105** is collected each month.
How much money is collected in **7** months?

Use the distributive property

7 x 105 = (×) + (×)

= ( ) + ( )

= ( )

final product