Lesson 2.6 Multiply Using Expanded Form

Step 1: Write problem vertically

Step 2: write expanded form of multi-digit factor

Step 3: bring over single digit factor

Step 4: Multiply single digit by ones digit of first factor

Step 5: Multiply single digit by tens digit of first factor

 \*\*Keep doing this until you multiply single digit by each part of first
 factor\*\*

Last Step: Add your partial products together

 3 2 = (30 + 2)

 X 5 = 5

 1 0 = 5 x 2 partial product

+1 5 0 = 5 x 30 partial product

 1 6 0

 4 5 3 = (400 + 50 +3)

 X 6 = 6

 1 8 = 6 x 3 partial product

 3 0 0 = 6 x 50 partial product

+ 2 4 0 0 = 6 x 400 partial product

 2 7 1 8