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