Name ___________________________ Date ______________________

1. Use the chart to complete the equations. Then solve.

<table>
<thead>
<tr>
<th>tens</th>
<th>ones</th>
</tr>
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<tbody>
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</table>

a. \((2 \times 5) \times 10\)
   
   = \((10 \text{ ones}) \times 10\)
   
   = ______

b. \(2 \times (5 \times 10)\)
   
   = \(2 \times (5 \text{ tens})\)
   
   = ______

c. \((4 \times 5) \times 10\)
   
   = (_____ \text{ ones}) \times 10
   
   = ______

d. \(4 \times (5 \times 10)\)
   
   = \(4 \times (_____ \text{ tens})\)
   
   = _____
2. Solve. Place ( ) in (c) and (d) as needed to find the related fact.

   a. \[3 \times 20 = 3 \times (2 \times 10) = (3 \times 2) \times 10 = \underline{6} \times 10 = \underline{60}\]

   b. \[3 \times 30 = 3 \times (3 \times 10) = (3 \times 3) \times 10 = \underline{9} \times 10 = \underline{90}\]

   c. \[3 \times 40 = 3 \times (4 \times 10) = 3 \times 4 \times 10 = \underline{12} \times 10 = \underline{120}\]

   d. \[3 \times 50 = 3 \times 5 \times 10 = 3 \times 5 \times 10 = \underline{15} \times 10 = \underline{150}\]

3. Danny solves \(5 \times 20\) by thinking about \(10 \times 10\). Explain his strategy.