### Understanding Multiplying by 10’s

Determine the answer for the following problem.

<p>| | | | | | | | | | | |</p>
<table>
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</thead>
<tbody>
<tr>
<td>1)</td>
<td>If $8 \times 3 = 24$, then $8 \times 30 =$</td>
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<td>2)</td>
<td>If $8 \times 4 = 32$, then $80 \times 4 =$</td>
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<td>3)</td>
<td>If $7 \times 2 = 14$, then $7 \times 20 =$</td>
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<td>4)</td>
<td>If $4 \times 4 = 16$, then $40 \times 4 =$</td>
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<td>5)</td>
<td>If $6 \times 3 = 18$, then $6 \times 30 =$</td>
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<td>6)</td>
<td>If $3 \times 5 = 15$, then $30 \times 5 =$</td>
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<td>7)</td>
<td>If $4 \times 9 = 36$, then $4 \times 90 =$</td>
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<td>8)</td>
<td>If $4 \times 5 = 20$, then $40 \times 5 =$</td>
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<td>9)</td>
<td>If $3 \times 9 = 27$, then $3 \times 90 =$</td>
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<td>10)</td>
<td>If $9 \times 8 = 72$, then $90 \times 8 =$</td>
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<td>11)</td>
<td>If $8 \times 7 = 56$, then $8 \times 70 =$</td>
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<td>12)</td>
<td>If $6 \times 3 = 18$, then $60 \times 3 =$</td>
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<td>13)</td>
<td>If $7 \times 1 = 7$, then $7 \times 10 =$</td>
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<td>14)</td>
<td>If $1 \times 5 = 5$, then $10 \times 5 =$</td>
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<td>15)</td>
<td>If $7 \times 7 = 49$, then $7 \times 70 =$</td>
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<tr>
<td>16)</td>
<td>If $4 \times 6 = 24$, then $40 \times 6 =$</td>
<td>16.</td>
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<td>17)</td>
<td>If $2 \times 2 = 4$, then $2 \times 20 =$</td>
<td>17.</td>
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<tr>
<td>18)</td>
<td>If $1 \times 2 = 2$, then $10 \times 2 =$</td>
<td>18.</td>
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<td>19)</td>
<td>If $8 \times 5 = 40$, then $8 \times 50 =$</td>
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<tr>
<td>20)</td>
<td>If $8 \times 3 = 24$, then $80 \times 3 =$</td>
<td>20.</td>
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</tbody>
</table>
Understanding Multiplying by 10’s

Determine the answer for the following problems.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Equation</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>If 8 × 3 = 24 , then 8 × 30 =</td>
<td>240</td>
</tr>
<tr>
<td>2</td>
<td>If 8 × 4 = 32 , then 80 × 4 =</td>
<td>320</td>
</tr>
<tr>
<td>3</td>
<td>If 7 × 2 = 14 , then 7 × 20 =</td>
<td>140</td>
</tr>
<tr>
<td>4</td>
<td>If 4 × 4 = 16 , then 40 × 4 =</td>
<td>160</td>
</tr>
<tr>
<td>5</td>
<td>If 6 × 3 = 18 , then 6 × 30 =</td>
<td>180</td>
</tr>
<tr>
<td>6</td>
<td>If 3 × 5 = 15 , then 30 × 5 =</td>
<td>150</td>
</tr>
<tr>
<td>7</td>
<td>If 4 × 9 = 36 , then 4 × 90 =</td>
<td>360</td>
</tr>
<tr>
<td>8</td>
<td>If 4 × 5 = 20 , then 40 × 5 =</td>
<td>200</td>
</tr>
<tr>
<td>9</td>
<td>If 3 × 9 = 27 , then 3 × 90 =</td>
<td>270</td>
</tr>
<tr>
<td>10</td>
<td>If 9 × 8 = 72 , then 90 × 8 =</td>
<td>720</td>
</tr>
<tr>
<td>11</td>
<td>If 8 × 7 = 56 , then 8 × 70 =</td>
<td>560</td>
</tr>
<tr>
<td>12</td>
<td>If 6 × 3 = 18 , then 60 × 3 =</td>
<td>180</td>
</tr>
<tr>
<td>13</td>
<td>If 7 × 1 = 7 , then 7 × 10 =</td>
<td>70</td>
</tr>
<tr>
<td>14</td>
<td>If 1 × 5 = 5 , then 10 × 5 =</td>
<td>50</td>
</tr>
<tr>
<td>15</td>
<td>If 7 × 7 = 49 , then 7 × 70 =</td>
<td>490</td>
</tr>
<tr>
<td>16</td>
<td>If 4 × 6 = 24 , then 40 × 6 =</td>
<td>240</td>
</tr>
<tr>
<td>17</td>
<td>If 2 × 2 = 4 , then 2 × 20 =</td>
<td>40</td>
</tr>
<tr>
<td>18</td>
<td>If 1 × 2 = 2 , then 10 × 2 =</td>
<td>20</td>
</tr>
<tr>
<td>19</td>
<td>If 8 × 5 = 40 , then 8 × 50 =</td>
<td>400</td>
</tr>
<tr>
<td>20</td>
<td>If 8 × 3 = 24 , then 80 × 3 =</td>
<td>240</td>
</tr>
</tbody>
</table>

**Answers**

1. 240
2. 320
3. 140
4. 160
5. 180
6. 150
7. 360
8. 200
9. 270
10. 720
11. 560
12. 180
13. 70
14. 50
15. 490
16. 240
17. 40
18. 20
19. 400
20. 240