

Name

Date



MULTIPLYING BY TENTHS SHEET 2

Have a look at these number machines and use your multiplication knowledge to fill in the missing numbers. Remember if $3 \times 4 = 12$, then $0.3 \times 4 = 1.2$; $0.3 \times 40 = 12$; and $0.3 \times 0.4 = 0.12$

1) $\xrightarrow{\quad \times 0.3 \quad \rightarrow}$

6	\longrightarrow	1.8
20	\longrightarrow	6.0
5	\longrightarrow	
30	\longrightarrow	
7	\longrightarrow	
8	\longrightarrow	
40	\longrightarrow	

2) $\xrightarrow{\quad \times 0.5 \quad \rightarrow}$

60	\longrightarrow	30
2	\longrightarrow	1.0
50	\longrightarrow	
3	\longrightarrow	
7	\longrightarrow	
80	\longrightarrow	
40	\longrightarrow	

3) $\xrightarrow{\quad \times 0.1 \quad \rightarrow}$

6	\longrightarrow	0.6
20	\longrightarrow	
5	\longrightarrow	
3	\longrightarrow	
70	\longrightarrow	
8	\longrightarrow	
40	\longrightarrow	

4) $\xrightarrow{\quad \times 7 \quad \rightarrow}$

0.4	\longrightarrow	
	\longrightarrow	2.1
	\longrightarrow	3.5
0.7	\longrightarrow	
	\longrightarrow	6.3
0.2	\longrightarrow	
0.8	\longrightarrow	

5) $\xrightarrow{\quad \times 2 \quad \rightarrow}$

	\longrightarrow	0.2
0.3	\longrightarrow	
	\longrightarrow	1.2
0.8	\longrightarrow	
	\longrightarrow	1.0
	\longrightarrow	1.8
	\longrightarrow	0.8

6) $\xrightarrow{\quad \times 4 \quad \rightarrow}$

0.7	\longrightarrow	
	\longrightarrow	2.4
	\longrightarrow	0.8
0.4	\longrightarrow	
	\longrightarrow	3.2
0.5	\longrightarrow	
0.3	\longrightarrow	

7) $\xrightarrow{\quad \times 0.8 \quad \rightarrow}$

30	\longrightarrow	
7	\longrightarrow	
60	\longrightarrow	
8	\longrightarrow	
0.4	\longrightarrow	
90	\longrightarrow	
5	\longrightarrow	

8) $\xrightarrow{\quad \times 0.6 \quad \rightarrow}$

0.3	\longrightarrow	
70	\longrightarrow	
6	\longrightarrow	
80	\longrightarrow	
40	\longrightarrow	
9	\longrightarrow	
50	\longrightarrow	

9) $\xrightarrow{\quad \times 0.9 \quad \rightarrow}$

0.3	\longrightarrow	
70	\longrightarrow	
0.6	\longrightarrow	
80	\longrightarrow	
40	\longrightarrow	
9	\longrightarrow	
50	\longrightarrow	



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MULTIPLYING BY TENTHS SHEET 2 ANSWERS

1) $\xrightarrow{\quad \text{x } 0.3 \quad \rightarrow}$

6	\longrightarrow	1.8
20	\longrightarrow	6.0
5	\longrightarrow	<u>1.5</u>
30	\longrightarrow	<u>9.0</u>
7	\longrightarrow	<u>2.1</u>
8	\longrightarrow	<u>2.4</u>
40	\longrightarrow	<u>12.0</u>

2) $\xrightarrow{\quad \text{x } 0.5 \quad \rightarrow}$

60	\longrightarrow	30
2	\longrightarrow	1.0
50	\longrightarrow	<u>25</u>
3	\longrightarrow	<u>1.5</u>
7	\longrightarrow	<u>3.5</u>
80	\longrightarrow	<u>40</u>
40	\longrightarrow	<u>20</u>

3) $\xrightarrow{\quad \text{x } 0.1 \quad \rightarrow}$

6	\longrightarrow	0.6
20	\longrightarrow	<u>2.0</u>
5	\longrightarrow	<u>0.5</u>
3	\longrightarrow	<u>0.3</u>
70	\longrightarrow	<u>7.0</u>
8	\longrightarrow	<u>0.8</u>
40	\longrightarrow	<u>4.0</u>

4) $\xrightarrow{\quad \text{x } 7 \quad \rightarrow}$

0.4	\longrightarrow	<u>2.8</u>
<u>0.3</u>	\longrightarrow	2.1
<u>0.5</u>	\longrightarrow	3.5
0.7	\longrightarrow	<u>4.9</u>
<u>0.9</u>	\longrightarrow	6.3
0.2	\longrightarrow	<u>1.4</u>
0.8	\longrightarrow	<u>5.6</u>

5) $\xrightarrow{\quad \text{x } 2 \quad \rightarrow}$

<u>0.1</u>	\longrightarrow	0.2
0.3	\longrightarrow	<u>0.6</u>
<u>0.6</u>	\longrightarrow	1.2
0.8	\longrightarrow	<u>1.6</u>
<u>0.5</u>	\longrightarrow	1.0
<u>0.9</u>	\longrightarrow	1.8
<u>0.4</u>	\longrightarrow	0.8

6) $\xrightarrow{\quad \text{x } 4 \quad \rightarrow}$

0.7	\longrightarrow	<u>2.8</u>
<u>0.6</u>	\longrightarrow	2.4
<u>0.2</u>	\longrightarrow	0.8
0.4	\longrightarrow	<u>1.6</u>
<u>0.8</u>	\longrightarrow	3.2
0.5	\longrightarrow	<u>2.0</u>
0.3	\longrightarrow	<u>1.2</u>

7) $\xrightarrow{\quad \text{x } 0.8 \quad \rightarrow}$

30	\longrightarrow	<u>24</u>
7	\longrightarrow	<u>5.6</u>
60	\longrightarrow	<u>48</u>
8	\longrightarrow	<u>6.4</u>
0.4	\longrightarrow	<u>0.32</u>
90	\longrightarrow	<u>72</u>
5	\longrightarrow	<u>4.0</u>

8) $\xrightarrow{\quad \text{x } 0.6 \quad \rightarrow}$

0.3	\longrightarrow	<u>0.18</u>
70	\longrightarrow	<u>42</u>
6	\longrightarrow	<u>3.6</u>
80	\longrightarrow	<u>48</u>
40	\longrightarrow	<u>24</u>
9	\longrightarrow	<u>5.4</u>
50	\longrightarrow	<u>30</u>

9) $\xrightarrow{\quad \text{x } 0.9 \quad \rightarrow}$

0.3	\longrightarrow	<u>0.27</u>
70	\longrightarrow	<u>63</u>
0.6	\longrightarrow	<u>0.54</u>
80	\longrightarrow	<u>72</u>
40	\longrightarrow	<u>36</u>
9	\longrightarrow	<u>8.1</u>
50	\longrightarrow	<u>45</u>

