

Multiples

Name: _____

Grade 4 · List multiples, find multiples, and tell a multiple from a factor

How it works

A **multiple** of a number is what you get when you multiply it by 1, 2, 3 and so on. The multiples of 6 are 6, 12, 18, 24, 30 and on without end. They are the numbers you say when you count by 6s.

Factors and multiples go together: 6 is a **factor** of 24, and 24 is a **multiple** of 6.

A. Write the first six multiples of each number.

1. **3** _____
2. **4** _____
3. **7** _____
4. **8** _____
5. **9** _____
6. **12** _____

B. Circle every multiple of the number in the box.

4	6	8	14	20	26	32	36	42	48	54
6	12	16	18	26	30	40	42	56	54	66
7	14	17	21	27	35	48	49	56	63	72
9	18	24	27	39	45	56	63	72	81	89

C. Circle yes or no.

- | | | | |
|---------------------------|--|----------------------------|--|
| 1. Is 42 a multiple of 6? | ☐ yes ☐ no | 2. Is 5 a factor of 52? | ☐ yes ☐ no |
| 3. Is 63 a multiple of 9? | ☐ yes ☐ no | 4. Is 48 a multiple of 7? | ☐ yes ☐ no |
| 5. Is 8 a factor of 72? | ☐ yes ☐ no | 6. Is 56 a multiple of 8? | ☐ yes ☐ no |
| 7. Is 9 a factor of 84? | ☐ yes ☐ no | 8. Is 100 a multiple of 4? | ☐ yes ☐ no |

D. Write a number that is a multiple of both numbers.

1. **2 and 5:** _____
2. **3 and 4:** _____
3. **6 and 8:** _____

Multiples (Answer Key)

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Factors and multiples go together: 6 is a **factor** of 24, and 24 is a **multiple** of 6.

A. Write the first six multiples of each number.

1.	3	<u>3</u>	<u>6</u>	<u>9</u>	<u>12</u>	<u>15</u>	<u>18</u>
2.	4	<u>4</u>	<u>8</u>	<u>12</u>	<u>16</u>	<u>20</u>	<u>24</u>
3.	7	<u>7</u>	<u>14</u>	<u>21</u>	<u>28</u>	<u>35</u>	<u>42</u>
4.	8	<u>8</u>	<u>16</u>	<u>24</u>	<u>32</u>	<u>40</u>	<u>48</u>
5.	9	<u>9</u>	<u>18</u>	<u>27</u>	<u>36</u>	<u>45</u>	<u>54</u>
6.	12	<u>12</u>	<u>24</u>	<u>36</u>	<u>48</u>	<u>60</u>	<u>72</u>

B. Circle every multiple of the number in the box.

4	6	8	14	20	26	32	36	42	48	54
6	12	16	18	26	30	40	42	56	54	66
7	14	17	21	27	35	48	49	56	63	72
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C. Circle yes or no.

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| 5. Is 8 a factor of 72? | ☒ yes ☐ no | 6. Is 56 a multiple of 8? | ☒ yes ☐ no |
| 7. Is 9 a factor of 84? | ☐ yes ☒ no | 8. Is 100 a multiple of 4? | ☒ yes ☐ no |

D. Write a number that is a multiple of both numbers.

1. 2 and 5: 10 2. 3 and 4: 12 3. 6 and 8: 24

Part D: other answers are right too. The smallest one is shown.