

# Least common multiple of 2 numbers (0-50)

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## Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1. 24 \_\_\_\_\_  
29 \_\_\_\_\_

2. 18 \_\_\_\_\_  
48 \_\_\_\_\_

3. 27 \_\_\_\_\_  
47 \_\_\_\_\_

4. 27 \_\_\_\_\_  
32 \_\_\_\_\_

5. 20 \_\_\_\_\_  
4 \_\_\_\_\_

6. 42 \_\_\_\_\_  
24 \_\_\_\_\_

7. 31 \_\_\_\_\_  
10 \_\_\_\_\_

8. 26 \_\_\_\_\_  
25 \_\_\_\_\_

9. 26 \_\_\_\_\_  
48 \_\_\_\_\_

10. 38 \_\_\_\_\_  
50 \_\_\_\_\_

11. 47 \_\_\_\_\_  
4 \_\_\_\_\_

12. 16 \_\_\_\_\_  
18 \_\_\_\_\_

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Find the least common multiple (LCM).

- |     |    |                          |              |     |    |                          |            |
|-----|----|--------------------------|--------------|-----|----|--------------------------|------------|
| 1.  | 24 | <u>24, 48, 72, 96,</u>   | <u>696</u>   | 2.  | 18 | <u>18, 36, 54, 72,</u>   | <u>144</u> |
|     |    | <u>120</u>               |              |     |    | <u>90</u>                |            |
|     | 29 | <u>29, 58, 87, 116,</u>  |              |     | 48 | <u>48, 96, 144</u>       |            |
|     |    | <u>145</u>               |              |     |    |                          |            |
| 3.  | 27 | <u>27, 54, 81, 108,</u>  | <u>1,269</u> | 4.  | 27 | <u>27, 54, 81, 108,</u>  | <u>864</u> |
|     |    | <u>135</u>               |              |     |    | <u>135</u>               |            |
|     | 47 | <u>47, 94, 141, 188,</u> |              |     | 32 | <u>32, 64, 96, 128,</u>  |            |
|     |    | <u>235</u>               |              |     |    | <u>160</u>               |            |
| 5.  | 20 | <u>20</u>                | <u>20</u>    | 6.  | 42 | <u>42, 84, 126, 168</u>  | <u>168</u> |
|     | 4  | <u>4, 8, 12, 16, 20</u>  |              |     | 24 | <u>24, 48, 72, 96,</u>   |            |
|     |    |                          |              |     |    | <u>120</u>               |            |
| 7.  | 31 | <u>31, 62, 93, 124,</u>  | <u>310</u>   | 8.  | 26 | <u>26, 52, 78, 104,</u>  | <u>650</u> |
|     |    | <u>155</u>               |              |     |    | <u>130</u>               |            |
|     | 10 | <u>10, 20, 30, 40,</u>   |              |     | 25 | <u>25, 50, 75, 100,</u>  |            |
|     |    | <u>50</u>                |              |     |    | <u>125</u>               |            |
| 9.  | 26 | <u>26, 52, 78, 104,</u>  | <u>624</u>   | 10. | 38 | <u>38, 76, 114, 152,</u> | <u>950</u> |
|     |    | <u>130</u>               |              |     |    | <u>190</u>               |            |
|     | 48 | <u>48, 96, 144, 192,</u> |              |     | 50 | <u>50, 100, 150,</u>     |            |
|     |    | <u>240</u>               |              |     |    | <u>200, 250</u>          |            |
| 11. | 47 | <u>47, 94, 141, 188</u>  | <u>188</u>   | 12. | 16 | <u>16, 32, 48, 64,</u>   | <u>144</u> |
|     | 4  | <u>4, 8, 12, 16, 20</u>  |              |     |    | <u>80</u>                |            |
|     |    |                          |              |     | 18 | <u>18, 36, 54, 72,</u>   |            |
|     |    |                          |              |     |    | <u>90</u>                |            |