



Least common multiple of 2 numbers (0-50)

Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

- | | | | | | | | |
|-----|----|-------|-------|-----|----|-------|-------|
| 1. | 24 | _____ | _____ | 2. | 18 | _____ | _____ |
| | 29 | _____ | | | 48 | _____ | |
| | | _____ | | | | _____ | |
| 3. | 27 | _____ | _____ | 4. | 27 | _____ | _____ |
| | 47 | _____ | | | 32 | _____ | |
| | | _____ | | | | _____ | |
| 5. | 20 | _____ | _____ | 6. | 42 | _____ | _____ |
| | 4 | _____ | | | 24 | _____ | |
| | | _____ | | | | _____ | |
| 7. | 31 | _____ | _____ | 8. | 26 | _____ | _____ |
| | 10 | _____ | | | 25 | _____ | |
| | | _____ | | | | _____ | |
| 9. | 26 | _____ | _____ | 10. | 38 | _____ | _____ |
| | 48 | _____ | | | 50 | _____ | |
| | | _____ | | | | _____ | |
| 11. | 47 | _____ | _____ | 12. | 16 | _____ | _____ |
| | 4 | _____ | | | 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> | |