

Lowest common multiple (LCM)

Grade 5 Factoring Worksheet

Find the lowest common multiple.

1)	6	_____	_____	2)	7	_____	_____
	4	_____	_____		2	_____	_____

3)	3	_____	_____	4)	3	_____	_____
	10	_____	_____		2	_____	_____

5)	21	_____	_____	6)	8	_____	_____
	14	_____	_____		12	_____	_____

7)	10	_____	_____	8)	15	_____	_____
	12	_____	_____		5	_____	_____

9)	6	_____	_____	10)	3	_____	_____
	27	_____	_____		21	_____	_____

11)	11	_____	_____	12)	12	_____	_____
	7	_____	_____		16	_____	_____

13)	10	_____	_____	14)	8	_____	_____
	25	_____	_____		20	_____	_____

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Find the lowest common multiple.

$$\begin{array}{l} 1) \quad 6 \quad \underline{6, 12} \quad \underline{12} \\ 4 \quad \underline{4, 8, 12} \end{array} \quad \begin{array}{l} 2) \quad 7 \quad \underline{7, 14} \quad \underline{14} \\ 2 \quad \underline{2, 4, 6, 8, 10, 12, 14} \end{array}$$

$$\begin{array}{l} 3) \quad 3 \quad \underline{3, 6, 9, 12, 15, 18, 21, 24, 27, 30} \quad \underline{30} \\ 10 \quad \underline{10, 20, 30} \end{array} \quad \begin{array}{l} 4) \quad 3 \quad \underline{3, 6} \quad \underline{6} \\ 2 \quad \underline{2, 4, 6} \end{array}$$

$$\begin{array}{l} 5) \quad 21 \quad \underline{21, 42} \quad \underline{42} \\ 14 \quad \underline{14, 28, 42} \end{array} \quad \begin{array}{l} 6) \quad 8 \quad \underline{8, 16, 24} \quad \underline{24} \\ 12 \quad \underline{12, 24} \end{array}$$

$$\begin{array}{l} 7) \quad 10 \quad \underline{10, 20, 30, 40, 50, 60} \quad \underline{60} \\ 12 \quad \underline{12, 24, 36, 48, 60} \end{array} \quad \begin{array}{l} 8) \quad 15 \quad \underline{15} \quad \underline{15} \\ 5 \quad \underline{5, 10, 15} \end{array}$$

$$\begin{array}{l} 9) \quad 6 \quad \underline{6, 12, 18, 24, 30, 36, 42, 48, 54} \quad \underline{54} \\ 27 \quad \underline{27, 54} \end{array} \quad \begin{array}{l} 10) \quad 3 \quad \underline{3, 6, 9, 12, 15, 18, 21} \quad \underline{21} \\ 21 \quad \underline{21} \end{array}$$

$$\begin{array}{l} 11) \quad 11 \quad \underline{11, 22, 33, 44, 55, 66, 77} \quad \underline{77} \\ 7 \quad \underline{7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77} \end{array} \quad \begin{array}{l} 12) \quad 12 \quad \underline{12, 24, 36, 48} \quad \underline{48} \\ 16 \quad \underline{16, 32, 48} \end{array}$$

$$\begin{array}{l} 13) \quad 10 \quad \underline{10, 20, 30, 40, 50} \quad \underline{50} \\ 25 \quad \underline{25, 50} \end{array} \quad \begin{array}{l} 14) \quad 8 \quad \underline{8, 16, 24, 32, 40} \quad \underline{40} \\ 20 \quad \underline{20, 40} \end{array}$$