



Lowest common multiple (LCM)

Grade 5 Factoring Worksheet

Find the lowest common multiple.

1)	8	_____	_____	2)	12	_____	_____
	6	_____	_____		54	_____	_____

3)	8	_____	_____	4)	81	_____	_____
	64	_____	_____		27	_____	_____

5)	92	_____	_____	6)	12	_____	_____
	4	_____	_____		48	_____	_____

7)	20	_____	_____	8)	6	_____	_____
	50	_____	_____		15	_____	_____

9)	21	_____	_____	10)	88	_____	_____
	63	_____	_____		22	_____	_____

11)	72	_____	_____	12)	95	_____	_____
	16	_____	_____		10	_____	_____

13)	75	_____	_____	14)	72	_____	_____
	50	_____	_____		18	_____	_____



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Find the lowest common multiple.

$$\begin{array}{l} 1) \quad 8 \quad \underline{8, 16, 24} \quad \underline{24} \\ 6 \quad \underline{6, 12, 18, 24} \end{array} \quad \begin{array}{l} 2) \quad 12 \quad \underline{12, 24, 36, 48, 60, 72, 84, 96, 108} \\ 54 \quad \underline{54, 108} \end{array} \quad \begin{array}{l} \underline{108} \\ \underline{108} \end{array}$$

$$\begin{array}{l} 3) \quad 8 \quad \underline{8, 16, 24, 32, 40, 48, 56, 64} \\ 64 \quad \underline{64} \end{array} \quad \begin{array}{l} 4) \quad 81 \quad \underline{81} \\ 27 \quad \underline{27, 54, 81} \end{array} \quad \begin{array}{l} \underline{64} \\ \underline{81} \end{array}$$

$$\begin{array}{l} 5) \quad 92 \quad \underline{92} \\ 4 \quad \underline{4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80, 84, 88, 92} \end{array} \quad \begin{array}{l} 6) \quad 12 \quad \underline{12, 24, 36, 48} \\ 48 \quad \underline{48} \end{array} \quad \begin{array}{l} \underline{92} \\ \underline{48} \end{array}$$

$$\begin{array}{l} 7) \quad 20 \quad \underline{20, 40, 60, 80, 100} \\ 50 \quad \underline{50, 100} \end{array} \quad \begin{array}{l} 8) \quad 6 \quad \underline{6, 12, 18, 24, 30} \\ 15 \quad \underline{15, 30} \end{array} \quad \begin{array}{l} \underline{100} \\ \underline{30} \end{array}$$

$$\begin{array}{l} 9) \quad 21 \quad \underline{21, 42, 63} \\ 63 \quad \underline{63} \end{array} \quad \begin{array}{l} 10) \quad 88 \quad \underline{88} \\ 22 \quad \underline{22, 44, 66, 88} \end{array} \quad \begin{array}{l} \underline{63} \\ \underline{88} \end{array}$$

$$\begin{array}{l} 11) \quad 72 \quad \underline{72, 144} \\ 16 \quad \underline{16, 32, 48, 64, 80, 96, 112, 128, 144} \end{array} \quad \begin{array}{l} 12) \quad 95 \quad \underline{95, 190} \\ 10 \quad \underline{10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190} \end{array} \quad \begin{array}{l} \underline{144} \\ \underline{190} \end{array}$$

$$\begin{array}{l} 13) \quad 75 \quad \underline{75, 150} \\ 50 \quad \underline{50, 100, 150} \end{array} \quad \begin{array}{l} 14) \quad 72 \quad \underline{72} \\ 18 \quad \underline{18, 36, 54, 72} \end{array} \quad \begin{array}{l} \underline{150} \\ \underline{72} \end{array}$$