

Name: _____

Least Common Multiples



Find the least common multiple (LCM) of 8 and 12.

The multiples of 8 are: 8, 16, **24**, 32, 40, **48** ...

The multiples of 12 are: 12, **24**, 36, **48**, 60, 72 ...

The common multiples of 8 and 12 are highlighted in **bold**.

The least common multiple of 8 and 12 is **24**.

Find the LCM of 3 and 9.

The multiples of 3 are: _____

A horizontal banner with a blue background on the left and white on the right. On the left, a superhero character with a red cape and a blue chest with 'MJS' on it is flying. On the right, the word 'Preview' is written in large red letters. Below it, the text 'Please log in to download the printable version of this worksheet.' is written in a smaller black font.

Preview
Please log in to download
the printable version of this worksheet.

The multiples of 6 are: _____, _____, _____, _____, _____, _____, _____, _____ ...

The multiples of 8 are: _____, _____, _____, _____, _____, _____, _____ ...

Circle the common multiples above.

The LCM of 6 and 8 is: _____

Find the LCM of 7 and 8.

The multiples of 7 are: _____, _____, _____, _____, _____, _____, _____ ...

The multiples of 8 are: _____, _____, _____, _____, _____, _____ ...

Circle the common multiples above.

The LCM of 7 and 8 is: _____

ANSWER KEY

Least Common Multiples

Find the least common multiple (LCM) of 8 and 12.

The multiples of 8 are: 8, 16, **24**, 32, 40, **48** ...

The multiples of 12 are: 12, **24**, 36, **48**, 60, 72 ...

The common multiples of 8 and 12 are highlighted in **bold**.

The least common multiple of 8 and 12 is **24**.



Find

Preview

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Find

Find

The multiples of 8 are: 8, 16, 24, 32, 40, 48, 56 ...

Circle the common multiples above.

The LCM of 7 and 8 is: 56