

# Least Common Multiples

Name: \_\_\_\_\_ Score: \_\_\_\_\_

Find the Least Common Multiple of the following number pairs.

**What is the LCM of 5 and 7 ?**

The multiples of 5 are \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

The multiples of 7 are \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

The LCM of 5 and 7 is \_\_\_\_\_

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**What is the LCM of 4 and 9 ?**

The multiples of 4 are \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

The multiples of 9 are \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

The LCM of 4 and 9 is \_\_\_\_\_

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**What is the LCM of 8 and 12 ?**

The multiples of 8 are \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

The multiples of 12 are \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

The LCM of 8 and 12 is \_\_\_\_\_

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**What is the LCM of 6 and 10 ?**

The multiples of 6 are \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

The multiples of 10 are \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

The LCM of 6 and 10 is \_\_\_\_\_

# Answers

Find the Least Common Multiple of the following number pairs.

**What is the LCM of 5 and 7 ?**

The multiples of 5 are 5 , 10 , 15 , 20 , 25 , 30 , 35 , 40

The multiples of 7 are 7 , 14 , 21 , 28 , 35 , 42 , 49 , 56

The LCM of 5 and 7 is 35

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**What is the LCM of 4 and 9 ?**

The multiples of 4 are 4 , 8 , 12 , 16 , 20 , 24 , 28 , 32

The multiples of 9 are 9 , 18 , 27 , 36 , 45 , 54 , 63 , 72

The LCM of 4 and 9 is 36

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**What is the LCM of 8 and 12 ?**

The multiples of 8 are 8 , 16 , 24 , 32 , 40 , 48 , 56 , 64

The multiples of 12 are 12 , 24 , 36 , 48 , 60 , 72 , 84 , 96

The LCM of 8 and 12 is 24

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**What is the LCM of 6 and 10 ?**

The multiples of 6 are 6 , 12 , 18 , 24 , 30 , 36 , 42 , 48

The multiples of 10 are 10 , 20 , 30 , 40 , 50 , 60 , 70 , 80

The LCM of 6 and 10 is 30