



*MasterMath*  
NUMBER SENSE



Finding the Percent of a Number 

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Convert to a Decimal and Multiply:

53% of 100  
*w*  
 $.53 \times 100 = 53$

38% of 75  
 $.38 \times 75 = 28.5$

75
<u>.38</u>
600
<u>225</u>
28.50

Finding the Percent of a Number 

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Finding 1% of a number:

1% of 100  
*w*  
 $.01 \times 100 = 1$

1% of 75  
 $.01 \times 75 = .75$

So, to get 1% of a number, move the decimal place of the number 2 places to the left

Finding the Percent of a Number 

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**You try it!**

1% of 860       $\longrightarrow$       8.6

1% of 45       $\longrightarrow$       .45

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Finding the Percent of a Number 

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**Finding 3% of a number:**


3% of 40  
 $3\% = 1\% + 1\% + 1\%$   
1% of 40 = .40  
.4 + .4 + .4 = 1.2

**Finding 12% of a number:**

12% of 25  
 $12\% = 10\% + 1\% + 1\%$

10% of 25 = 2.5  
1% of 25 = .25  
2.5 + .25 + .25 = 3

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Finding the Percent of a Number 

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**Finding 120% of a number:**

120% of 500  
 $120\% = 100\% + 10\% + 10\%$   
100% of 500 = 500  
10% of 500 = 50  
 $500 + 50 + 50 = 600$

**Finding 9% of a number:**

9% of 500  
 $9\% = 10\% - 1\%$   
10% of 500 = 50  
1% of 500 = 5  
 $50 - 5 = 45$

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Finding the Percent of a Number 

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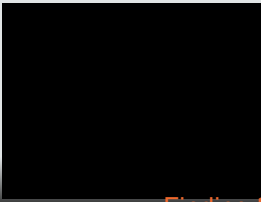
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**You try it!**

**41% of 200**



Finding the Percent of a Number 

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**You try it!**

**41% of 200**

$41\% = 10\% + 10\% + 10\% + 10\% + 1\%$   
 $41\% \text{ of } 200 = 20 + 20 + 20 + 20 + 2$   
 $= 82$

Finding the Percent of a Number 

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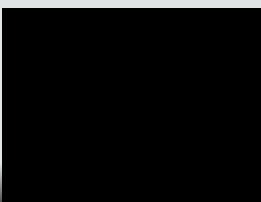
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**You try it!**

**29% of 120**



Finding the Percent of a Number 

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**You try it!**

**29% of 120**

$29\% = 30\% - 1\% = 10\% + 10\% + 10\% - 1\%$

$12 + 12 + 12 - 1.2 = 34.8$

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Finding the Percent of a Number 

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**You try it!**

**120% of 90**

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Finding the Percent of a Number 

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**You try it!**

**120% of 90**


$120\% = 100\% + 10\% + 10\%$

$100\% \text{ of } 90 = 90$

$10\% \text{ of } 90 = 9$

$90 + 9 + 9 = 108$

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Finding the Percent of a Number 

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**You try it!**

**20% of 455**

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Finding the Percent of a Number 

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**You try it!**

**20% of 455**

**10% of 455 = 45.5**  
**45.5 + 45.5 = 91**

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Finding the Percent of a Number 

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**You try it!**

Now, try it on your own. Go to  
[www.MasterMath.info](http://www.MasterMath.info)  
download  
*Finding the Percent of a Number*  
from the Worksheets Page, and test  
your skill.

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Finding the Percent of a Number 

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