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Einding Egotors						
	Factors are the numbers you multiply to get another number.					
	$2 \times 3 = 6$ 2 and 3 are factors of 6.					
	$1 \times 6 = 6$ 1 and 6 are also factors of 6.					
	What are the factors of 6? 1, 2, 3, and 6.					
What are the factors of <b>21</b> ? - <u>1, 3, 7, and 21</u>						
	What are the factors of <b>31</b> ? - <u>1 and 31</u>					
What are the factors of <b>24</b> ? - <u>1, 2, 3, 4, 6, 8, 12, and 24</u>						
Find all of the factors for each number. List them in order from least to greatest.						
a.	15,,, b. 81,					
c.	<b>3</b> ,,,,,,,					
e.	18,,,, f. 12,,,,,,,					
N	ow try these.					
g.	<b>21</b> h. <b>39</b>					
i.	<b>49</b> j. 16					
k.	33 i. 20					
m.	n. <b>4</b>					

## **ANSWER KEY**

## **Finding Factors**

Factors are the numbers you multiply to get another number.

 $2 \times 3 = 6$  2 and 3 are factors of 6.

 $1 \times 6 = 6$  1 and 6 are also factors of 6.

What are the factors of 6? 1, 2, 3, and 6.

What are the factors of **21**? - <u>1</u>, <u>3</u>, <u>7</u>, <u>and 21</u>

What are the factors of **31**? - <u>1 and 31</u>

What are the factors of **24**? - <u>1, 2, 3, 4, 6, 8, 12, and 24</u>



Find all of the factors for each number. List them in order from least to greatest.

a.	15 - <u>1, 3, 5, 15</u>	b.	81 - <u>1, 9, 81</u>
c.	3 - <u>1, 3</u>	d.	27 - <u>1, 3, 9, 27</u>
e.	18 - <u>1, 2, 3, 6, 9, 18</u>	f.	12 - <u>1, 2, 3, 4, 6, 12</u>
No	w try these.		
g.	21 - <u>1, 3, 7, 21</u>	h.	39 - <u>1, 39</u>
i.	49 - <u>1, 7, 49</u>	j.	16 - <u>1, 2, 4, 8, 16</u>
k.	33 - <u>1, 3, 11, 33</u>	I.	20 - <u>1, 2, 4, 5, 10, 20</u>
m.	17 - <u>1, 17</u>	n.	4 - <u>1, 2, 4</u>