

Divisible? Write **YES** or **No** in the box

	132	3456	188	540
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Explain the divisibility rule for 3 using the number 234.

Explain the divisibility rule for 2,5,10? Why do you only look at 1 place value?



Use factor trees to break each number into its prime factors.



16

60

100

216

4000

113

Find the GCF/LCM of the following number pairs using the prime factorization method.

32 and 60

182 and 240

80 and 110

75 and 30

Find 6 more factors of 240 using the Prime factorization method.

$$2 \times 2 \times 2 \times 2 \times 3 \times 5 = 240$$

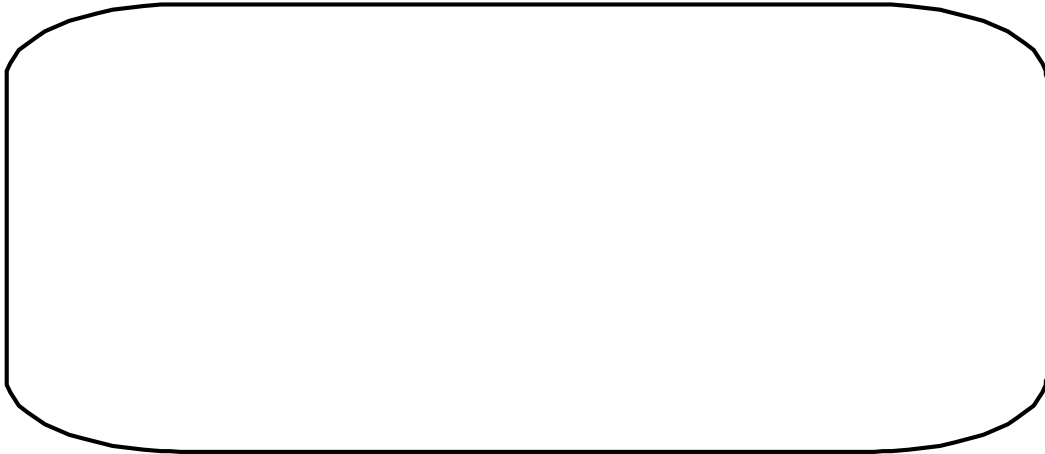


Represent the following numbers in as many ways as you can! **(Include Prime factorization, expanded form, base 10 blocks, words and all 4 operations)**

112

250

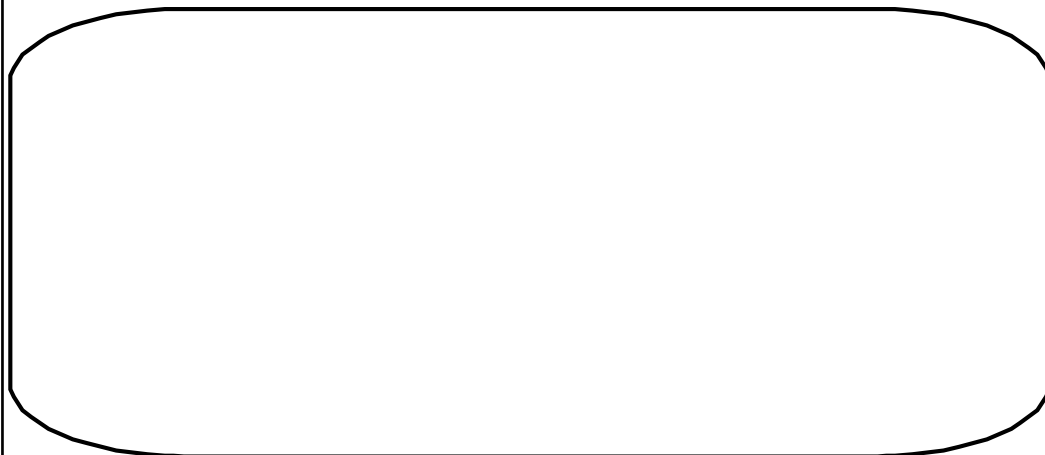
If 9 is a factor of 108 then 3 must also be a factor.



All multiples of 8 will also be multiples of 4



42 is common multiple of 2 and 7



Xtra Practice

GCF LCM	36	70	306	210
60	<small>GCF of 36 & 60</small> <small>LCM of 36 & 60</small>			
42				
204				
150				

Find ALL the factors of 360 using the prime factors

Put a check mark in the box if the number in the top row is divisible by the number in the left column

Xtra Practice

	346	522	2400
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>