

Name _____

Date _____



FACTOR TREE WORKSHEET 4

1) Show two different ways to draw a factor tree for 36.

<pre>graph TD; A[36] --- B[]; A --- C[]; B --- D(()); B --- E(()); C --- F(()); C --- G(())</pre>	<pre>graph TD; A[36] --- B(()); A --- C[]; C --- D(()); C --- E[]; E --- F(()); E --- G(())</pre>
$36 = _ \times _ \times _ \times _$	$36 = _ \times _ \times _ \times _$

2) Show two different ways to draw a factor tree for 60.

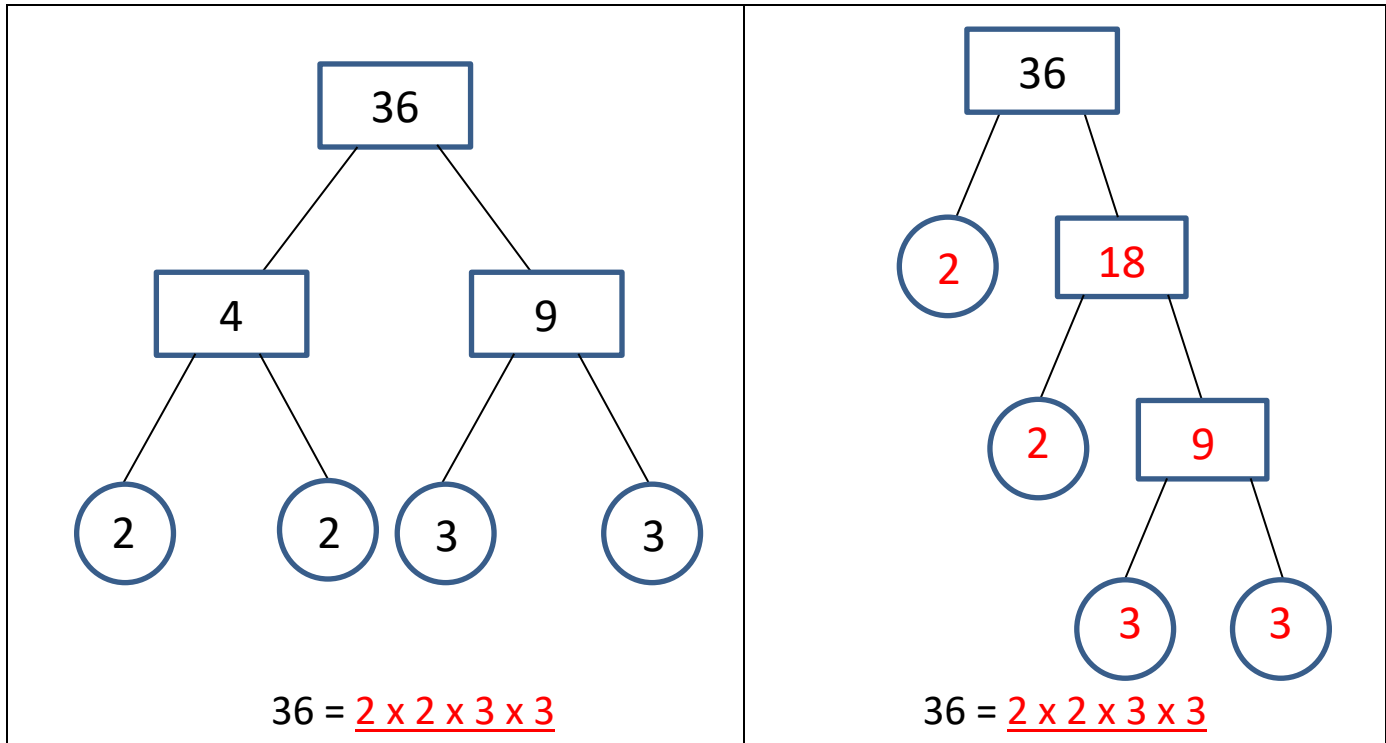
<pre>graph TD; A[60] --- B[]; A --- C[]; B --- D(()); B --- E(()); C --- F(()); C --- G(())</pre>	<pre>graph TD; A[60] --- B(()); A --- C[]; C --- D(()); C --- E[]; E --- F(()); E --- G(())</pre>
$36 = _ \times _ \times _ \times _$	$36 = _ \times _ \times _ \times _$



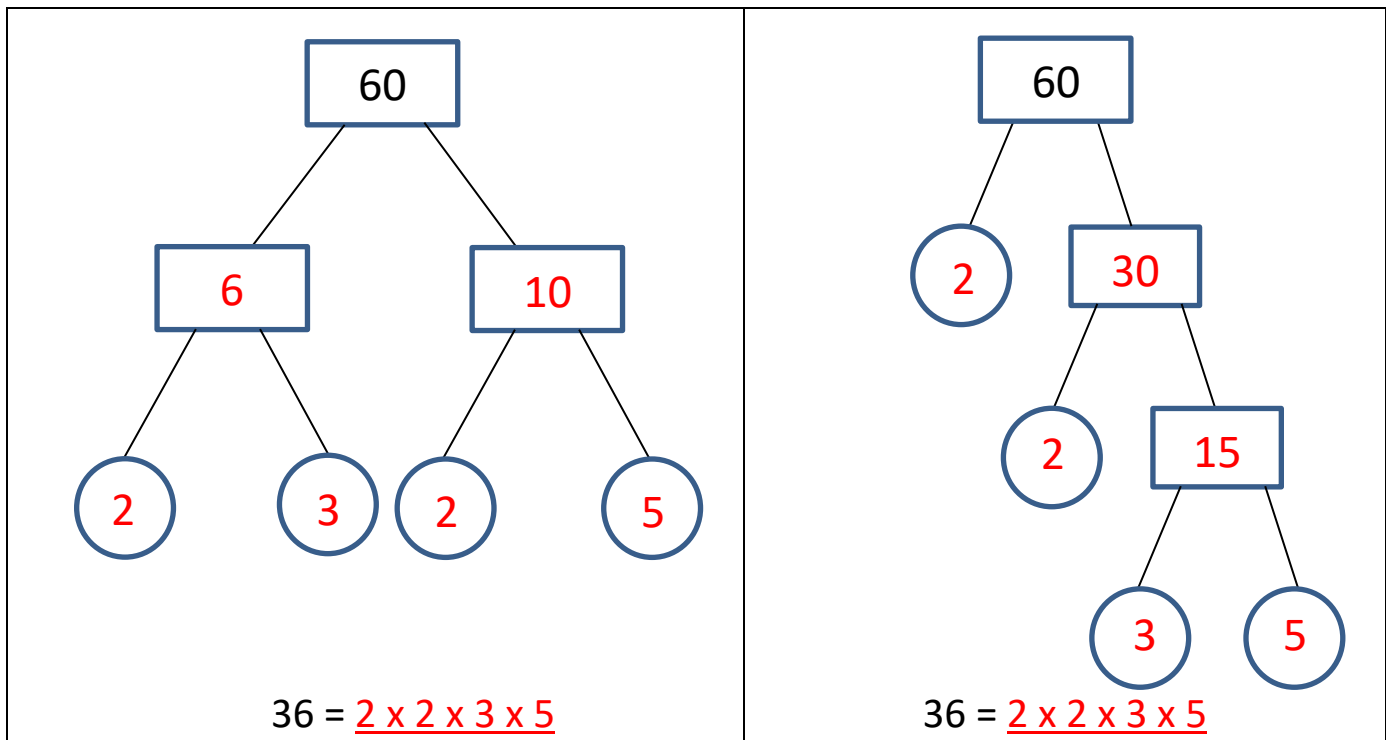
FACTOR TREE WORKSHEET 4 ANSWERS

Please note – the factor trees can be completed in different ways, with the prime factors in a different order.

1) Show two different ways to draw a factor tree for 36.



2) Show two different ways to draw a factor tree for 60.



Name

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