

NUMBER PATTERNS

Find out what whole number OR fraction is multiplied or divided to get the next number. Repeat the process to fill in the missing numbers. Write down the pattern used on the blank lines to the right.

Example:

8	12	18	27	$\frac{81}{2}$	$\frac{243}{4}$	$\frac{729}{8}$	$\times(\frac{3}{2})$
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1.	$\frac{1}{2}$	$\frac{3}{2}$	$\frac{9}{2}$			$\frac{243}{2}$		$\frac{2187}{2}$	<hr/>
2.	5		20		80		320		<hr/>
3.		1250	1000	800	640	512			<hr/>
4.	1000	500		125		$\frac{125}{4}$			<hr/>
5.		11	33	99		891		8019	<hr/>
6.	7			56		224	448		<hr/>
7.			18	27	$\frac{81}{2}$				<hr/>
8.		2916		1296	864	576			<hr/>
9.	$\frac{3}{2}$	3	6	12					<hr/>
10.		14		56				896	<hr/>
11.	81		9		1	$\frac{1}{3}$			<hr/>
12.	1024		64		4		$\frac{1}{4}$		<hr/>
13.	$\frac{1}{128}$	$\frac{1}{16}$		4		256		16384	<hr/>
14.		2500		100		4		$\frac{4}{25}$	<hr/>
15.	$\frac{2}{81}$		2		162	1458			<hr/>