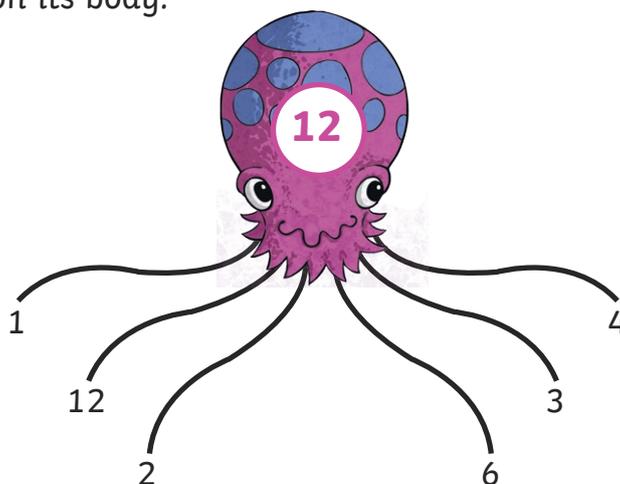


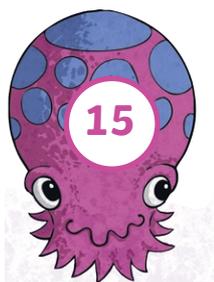
Factorpus

This is a factorpus. Like an octopus, it has lots of tentacles but, on a factorpus, each tentacle is a factor of the number on its body.



For each factorpus below, draw on the correct number of legs by finding all the factors of that number. Remember, to find all the factors of a number, you need to find all the pairs of numbers that multiply together to make the product on the factorpus' head.

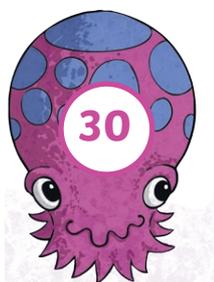
1. 15



2. 24



3. 30

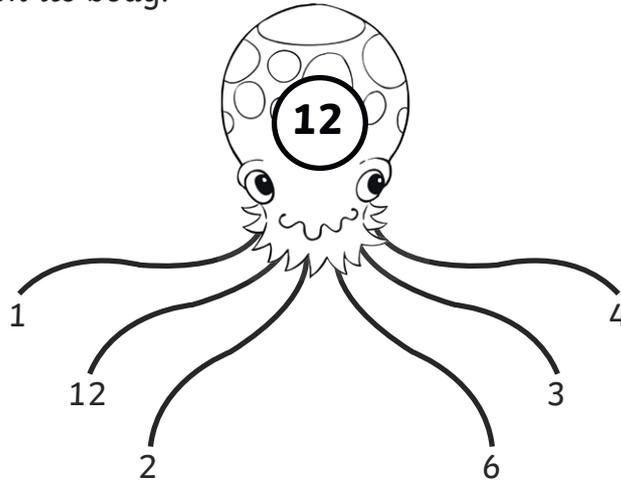


4. 64



Factorpus Answers

This is a factorpus. Like an octopus, it has lots of tentacles but, on a factorpus, each tentacle is a factor of the number on its body.



For each factorpus below, draw on the correct number of legs by finding all the factors of that number. Remember, to find all the factors of a number, you need to find all the pairs of numbers that multiply together to make the product on the factorpus' head.

<p>1. 15</p> <p>A factorpus with the number 15 on its head. It has four tentacles labeled with factors: 1, 3, 5, and 15.</p>	<p>2. 24</p> <p>A factorpus with the number 24 on its head. It has eight tentacles labeled with factors: 1, 2, 3, 4, 6, 8, 12, and 24.</p>
<p>3. 30</p> <p>A factorpus with the number 30 on its head. It has six tentacles labeled with factors: 1, 2, 3, 5, 6, and 10. (Note: 15 and 30 are also factors but not labeled).</p>	<p>4. 64</p> <p>A factorpus with the number 64 on its head. It has six tentacles labeled with factors: 1, 2, 4, 8, 16, and 32. (Note: 64 is also a factor but not labeled).</p>