

# Mystery number

Written by Liz Gibbs

*The Busy Lizzie Maths Library*

*My mystery number...*

*is less than 21*

*is more than 4*

*is a number in the 5 times table*

*is a number in the 10 times table*

*is the sum of 3 and 7*

Here is the problem I want you to solve.  
Read the statements carefully.

*My mystery number...*

*is less than 21*

*is more than 4*

*is a number in the 5 times table*

*is a number in the 10 times table*

*is the sum of 3 and 7*

It might be useful to write out all the numbers between 1 and 20 so we can cross off what we don't need.

*My mystery number...*

*is less than 21*

*is more than 4*

*is a number in the 5 times table*

*is a number in the 10 times table*

*is the sum of 3 and 7*

Leave all the numbers greater than 4 showing and cross off the rest.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

*My mystery number...*

*is less than 21*

*is more than 4*

*is a number in the 5 times table*

*is a number in the 10 times table*

*is the sum of 3 and 7*

Leave only multiples of 5 showing.

<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

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*My mystery number...*

*is less than 21*

*is more than 4*

*is a number in the 5 times table*

*is a number in the 10 times table*

*is the sum of 3 and 7*

Leave only multiples of 10 showing.

<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	5	<del>6</del>	<del>7</del>	<del>8</del>	<del>9</del>	10
<del>11</del>	<del>12</del>	<del>13</del>	<del>14</del>	15	<del>16</del>	<del>17</del>	<del>18</del>	<del>19</del>	20

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*My mystery number...*

*is less than 21*

*is more than 4*

*is a number in the 5 times table*

*is a number in the 10 times table*

*is the sum of 3 and 7*

What does the word  
sum mean? What is  
the sum of 3 and 7?  
This is your mystery  
number

<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	<del>5</del>	<del>6</del>	<del>7</del>	<del>8</del>	<del>9</del>	10
<del>11</del>	<del>12</del>	<del>13</del>	<del>14</del>	<del>15</del>	<del>16</del>	<del>17</del>	<del>18</del>	<del>19</del>	20

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*My mystery number...*

*is less than 21*

*is more than 4*

*is a number in the 5 times table*

*is a number in the 10 times table*

*is the sum of 3 and 7*

Your mystery number  
is 10.

<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	<del>5</del>	<del>6</del>	<del>7</del>	<del>8</del>	<del>9</del>	10
<del>11</del>	<del>12</del>	<del>13</del>	<del>14</del>	<del>15</del>	<del>16</del>	<del>17</del>	<del>18</del>	<del>19</del>	<del>20</del>

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*My mystery number...*

*is fewer than 16*

*is a single-digit number*

*is an even number*

*is a multiple of 3*

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

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*My mystery number...*

*is in the two times table*

*is a two-digit number*

*is less than sixteen*

*is divisible by 6*

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

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*My mystery number...*

*is more than 7*

*is between 9 and 15*

*is not an even number*

*is two fewer than 15*

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

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*My mystery number...*

*is a two-digit number*

*is greater than 12 and less than 21*

*is not an even number*

*appears in the five times table*

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

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