

# Number Sequences

Parents: Learning key number sequences by heart is an important skill as it supports calculation and understanding of number values. Children need to be able to count in 2s, 3s and 5s from zero; up to and beyond 100. They also need to be able to count forward and backwards in 10s from any given number. For example, 14, 24, 34, 44 and so on. Give your child lots of opportunities to practise these counting skills; both reciting them by heart and using them to count groups of objects. A 100 square is useful for counting in 10s - just count down the columns.

Continue these sequences:

6	8	10	12				
---	---	----	----	--	--	--	--

0	5	10					
---	---	----	--	--	--	--	--

12	15	18	21				
----	----	----	----	--	--	--	--

90	80						
----	----	--	--	--	--	--	--

55	50	45					
----	----	----	--	--	--	--	--

Fill in the missing numbers:

2	4			10			
---	---	--	--	----	--	--	--

25		35				55	
----	--	----	--	--	--	----	--

			60	50		30	
--	--	--	----	----	--	----	--

		18	15			6	
--	--	----	----	--	--	---	--

Circle the odd one out:

2	4	6	8	9	10	12	14
---	---	---	---	---	----	----	----

15	18	22	24	27	30	33	36
----	----	----	----	----	----	----	----

90	80	75	70	60	50	40	30
----	----	----	----	----	----	----	----

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Continue these sequences:

6	8	10	12				
---	---	----	----	--	--	--	--

25	30	35					
----	----	----	--	--	--	--	--

21	24	27					
----	----	----	--	--	--	--	--

105	95	85					
-----	----	----	--	--	--	--	--

35	30	25					
----	----	----	--	--	--	--	--

Fill in the missing numbers:

8	10			16			
---	----	--	--	----	--	--	--

25		35				55	
----	--	----	--	--	--	----	--

			64	54		34	
--	--	--	----	----	--	----	--

		18	15			6	
--	--	----	----	--	--	---	--

Circle the odd one out:

35	45	50	55	65	75	85	95
----	----	----	----	----	----	----	----

98	88	77	68	58	48	38	28
----	----	----	----	----	----	----	----

12	17	22	27	31	37	42	47
----	----	----	----	----	----	----	----

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Continue these sequences:

12	14	16					
----	----	----	--	--	--	--	--

65	70	75					
----	----	----	--	--	--	--	--

21	24	27					
----	----	----	--	--	--	--	--

86	76	66					
----	----	----	--	--	--	--	--

8	12	16					
---	----	----	--	--	--	--	--

Fill in the missing numbers:

8		12		16			
---	--	----	--	----	--	--	--

85		95				115	
----	--	----	--	--	--	-----	--

				54		34	
--	--	--	--	----	--	----	--

24			15			6	
----	--	--	----	--	--	---	--

Circle the odd one out (2 in each row):

35	45	50	55	65	70	75	85
----	----	----	----	----	----	----	----

98	88	77	68	58	57	38	28
----	----	----	----	----	----	----	----

20	40	60	70	80	100	120	130
----	----	----	----	----	-----	-----	-----

# Challenge

Are these statements true or false? Explain your answer to your helper.



If I count on in 10s from 4, each number will end with 4.

I count in 3s from zero. I will say the number 17.



When I count in 5s from any number, the numbers will always end with 5 or 0.



If I count in 2s from zero, the numbers will always be even.



# Number Sequences Answers

Continue these sequences:

6	8	10	12	<b>14</b>	<b>16</b>	<b>18</b>	<b>20</b>
---	---	----	----	-----------	-----------	-----------	-----------

0	5	10	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>	<b>35</b>
---	---	----	-----------	-----------	-----------	-----------	-----------

12	15	18	21	<b>24</b>	<b>27</b>	<b>30</b>	<b>33</b>
----	----	----	----	-----------	-----------	-----------	-----------

90	80	<b>70</b>	<b>60</b>	<b>50</b>	<b>40</b>	<b>30</b>	<b>20</b>
----	----	-----------	-----------	-----------	-----------	-----------	-----------

55	50	45	<b>40</b>	<b>35</b>	<b>30</b>	<b>25</b>	<b>20</b>
----	----	----	-----------	-----------	-----------	-----------	-----------

Fill in the missing numbers:

2	4	<b>6</b>	<b>8</b>	10	<b>12</b>	<b>14</b>	<b>16</b>
---	---	----------	----------	----	-----------	-----------	-----------

25	<b>30</b>	35	<b>40</b>	<b>45</b>	<b>50</b>	55	<b>60</b>
----	-----------	----	-----------	-----------	-----------	----	-----------

<b>90</b>	<b>80</b>	<b>70</b>	60	50	<b>40</b>	30	<b>20</b>
-----------	-----------	-----------	----	----	-----------	----	-----------

<b>24</b>	<b>21</b>	18	15	<b>12</b>	<b>9</b>	6	<b>3</b>
-----------	-----------	----	----	-----------	----------	---	----------

Circle the odd one out:

2	4	6	8	<b>9</b>	10	12	14
---	---	---	---	----------	----	----	----

15	18	<b>22</b>	24	27	30	33	36
----	----	-----------	----	----	----	----	----

90	80	<b>75</b>	70	60	50	40	30
----	----	-----------	----	----	----	----	----

# Number Sequences Answers

Continue these sequences:

6	8	10	12	<b>14</b>	<b>16</b>	<b>18</b>	<b>20</b>
---	---	----	----	-----------	-----------	-----------	-----------

25	30	35	<b>40</b>	<b>45</b>	<b>50</b>	<b>55</b>	<b>60</b>
----	----	----	-----------	-----------	-----------	-----------	-----------

21	24	27	<b>30</b>	<b>33</b>	<b>36</b>	<b>39</b>	<b>42</b>
----	----	----	-----------	-----------	-----------	-----------	-----------

105	95	85	<b>75</b>	<b>65</b>	<b>55</b>	<b>45</b>	<b>35</b>
-----	----	----	-----------	-----------	-----------	-----------	-----------

35	30	25	<b>20</b>	<b>15</b>	<b>10</b>	<b>5</b>	<b>0</b>
----	----	----	-----------	-----------	-----------	----------	----------

Fill in the missing numbers:

8	10	<b>12</b>	<b>14</b>	16	<b>18</b>	<b>20</b>	<b>22</b>
---	----	-----------	-----------	----	-----------	-----------	-----------

25	<b>30</b>	35	<b>40</b>	<b>45</b>	<b>50</b>	55	<b>60</b>
----	-----------	----	-----------	-----------	-----------	----	-----------

<b>94</b>	<b>84</b>	<b>74</b>	64	54	<b>44</b>	34	<b>24</b>
-----------	-----------	-----------	----	----	-----------	----	-----------

<b>24</b>	<b>21</b>	18	15	<b>12</b>	<b>9</b>	6	<b>3</b>
-----------	-----------	----	----	-----------	----------	---	----------

Circle the odd one out:

35	45	<b>50</b>	55	65	75	85	95
----	----	-----------	----	----	----	----	----

98	88	<b>77</b>	68	58	48	38	28
----	----	-----------	----	----	----	----	----

12	17	22	27	<b>31</b>	37	42	47
----	----	----	----	-----------	----	----	----

# Number Sequences Answers

Continue these sequences:

12	14	16	<b>18</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>26</b>
----	----	----	-----------	-----------	-----------	-----------	-----------

65	70	75	<b>80</b>	<b>85</b>	<b>90</b>	<b>95</b>	<b>100</b>
----	----	----	-----------	-----------	-----------	-----------	------------

21	24	27	<b>30</b>	<b>33</b>	<b>36</b>	<b>39</b>	<b>42</b>
----	----	----	-----------	-----------	-----------	-----------	-----------

86	76	66	<b>56</b>	<b>46</b>	<b>36</b>	<b>26</b>	<b>16</b>
----	----	----	-----------	-----------	-----------	-----------	-----------

8	12	16	<b>20</b>	<b>24</b>	<b>28</b>	<b>32</b>	<b>36</b>
---	----	----	-----------	-----------	-----------	-----------	-----------

Fill in the missing numbers:

8	<b>10</b>	12	<b>14</b>	16	<b>18</b>	<b>20</b>	<b>22</b>
---	-----------	----	-----------	----	-----------	-----------	-----------

85	<b>90</b>	95	<b>100</b>	<b>105</b>	<b>110</b>	115	<b>120</b>
----	-----------	----	------------	------------	------------	-----	------------

<b>94</b>	<b>84</b>	<b>74</b>	<b>64</b>	54	<b>44</b>	34	<b>24</b>
-----------	-----------	-----------	-----------	----	-----------	----	-----------

24	<b>21</b>	<b>18</b>	15	<b>12</b>	<b>9</b>	6	<b>3</b>
----	-----------	-----------	----	-----------	----------	---	----------

Circle the odd one out (2 in each row):

35	45	<b>50</b>	55	65	<b>70</b>	75	85
----	----	-----------	----	----	-----------	----	----

98	88	<b>77</b>	68	58	<b>57</b>	38	28
----	----	-----------	----	----	-----------	----	----

20	40	60	<b>70</b>	80	100	120	<b>130</b>
----	----	----	-----------	----	-----	-----	------------

# Challenge Answers

Are these statements true or false? Explain your answer to your helper.



If I count on in 10s from 4, each number will end with 4.

**True**

I count in 3s from zero. I will say the number 17.

**False**



When I count in 5s from any number, the numbers will always end with 5 or 0.

**False**



If I count in 2s from zero, the numbers will always be even.

**True**

