

# Counting forward and backwards from any number

Easier

**Example**

**Backwards**  
starting number  
**15**  
15, 14, 13, 12, 11

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

**Example**

**Forwards**  
starting number  
**4**  
4, 5, 6, 7, 8

Complete the following number sequences

1) **Forwards**

6 , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_

11 , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_

2 , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_

18 , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_

9 , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_

2) **Backwards**

18 , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_

9 , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_

14 , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_

17 , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_

11 , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_ , \_

3) **Reasoning**



If I count forwards from a number, the next number will always be larger. Am I correct?

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# Counting forward and backwards from any number

Medium

## Example

**Backwards**  
starting number  
**36**

36, 35, 34, 33, 32

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

## Example

**Forwards**  
starting number  
**44**

44, 45, 46, 47, 48

Complete the following number sequences

### 1) Forwards

31, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

52, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

25, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

63, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

49, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

### 2) Backwards

38, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

79, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

60, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

19, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

55, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

### 3) Reasoning

When I count backwards sometimes the numbers get larger and sometimes they get smaller.



### True or False

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# Counting forward and backwards from any number

Challenge

Example

**Backwards**  
starting number

**36**

36, 35, 34, 33, 32

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	<u>32</u>	<u>33</u>	<u>34</u>	<u>35</u>	<u>36</u>	37	38	39	40
41	42	43	<u>44</u>	<u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Example

**Forwards**  
starting number

**44**

44, 45, 46, 47, 48

Complete the following number sequences

## 1) Forwards

78, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

66, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

83, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

49, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

97, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## 2) Backwards

41, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

53, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

25, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

90, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

102, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## 3) Reasoning



If I count forwards from 99 the next few numbers will all have 3-digits.

True or False

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## Answers

Complete the following number sequences

### 1) Forwards

6 , 7 , 8 , 9 , 10 , 11 , 12 , 13 , 14

11 , 12 , 13 , 14 , 15 , 16 , 17 , 18 , 19

2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 10

18 , 19 , 20 , 21 , 22 , 23 , 24 , 25 , 26

9 , 10 , 11 , 12 , 13 , 14 , 15 , 16 , 17

### 2) Backwards

18 , 17 , 16 , 15 , 14 , 13 , 12 , 11 , 10

9 , 8 , 7 , 6 , 5 , 4 , 3 , 2 , 1

14 , 13 , 12 , 11 , 10 , 9 , 8 , 7 , 6

17 , 16 , 15 , 14 , 13 , 12 , 11 , 10 , 9

11 , 10 , 9 , 8 , 7 , 6 , 5 , 4 , 3

### 3) Reasoning



If I count forwards from a number, the next number will always be larger. Am I correct?

Yes she is correct.

When counting

forwards the number

will always get larger

Answers

Complete the following number sequences

1) **Forwards**

31 , 32 , 33 , 34 , 35 , 36 , 37 , 38 , 39

52 , 53 , 54 , 55 , 56 , 57 , 58 , 59 , 60

25 , 26 , 27 , 28 , 29 , 30 , 31 , 32 , 33

63 , 64 , 65 , 66 , 67 , 68 , 69 , 70 , 71

49 , 50 , 51 , 52 , 53 , 54 , 55 , 56 , 57

2) **Backwards**

38 , 37 , 36 , 35 , 34 , 33 , 32 , 31 , 30

79 , 78 , 77 , 76 , 75 , 74 , 73 , 72 , 71

60 , 59 , 58 , 57 , 56 , 55 , 54 , 53 , 52

19 , 18 , 17 , 16 , 15 , 14 , 13 , 12 , 11

55 , 54 , 53 , 52 , 51 , 50 , 49 , 48 , 47

3) **Reasoning**



When I count backwards  
sometimes the numbers  
get larger and sometimes they  
get smaller.

**True or False**

**False.**

When counting  
backwards the number  
will always get smaller

Answers

Complete the following number sequences

1) Forwards

78 , 79 , 80 , 81 , 82 , 83 , 84 , 85 , 86

66 , 67 , 68 , 69 , 70 , 71 , 72 , 73 , 74

83 , 84 , 85 , 86 , 87 , 88 , 89 , 90 , 91

49 , 50 , 51 , 52 , 53 , 54 , 55 , 56 , 57

97 , 98 , 99 , 100 , 101 , 102 , 103 , 104 , 105

2) Backwards

41 , 40 , 39 , 38 , 37 , 36 , 35 , 34 , 33

53 , 52 , 51 , 50 , 49 , 48 , 47 , 46 , 45

25 , 24 , 23 , 22 , 21 , 20 , 19 , 18 , 17

90 , 89 , 88 , 87 , 86 , 85 , 84 , 83 , 82

102 , 101 , 100 , 99 , 98 , 97 , 96 , 95 , 94

3) Reasoning



If I count forwards from 99  
the next three numbers will  
all have 3-digits.

True or False

True.

After 99 the  
numbers are 100, 101  
102. All have 3-digits