

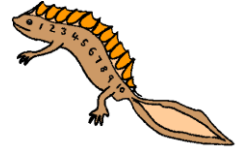


NEWTON'S NUMBER TRACK PUZZLE 3

Each number in the number track is made by adding the previous 2 numbers.

Example

7	8	15	23	38
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- The 3rd number is made by adding the first 2 numbers $7+8=15$.
- The 4th number is made by adding the 2nd and 3rd numbers: $8+15=23$, etc.

Fill in the missing numbers in these number tracks.

1)	6	5	11		
2)	2	6			
3)	15	10			
4)	5	7			
5)	10	6			
6)	10	30			
7)	6		8		
8)		9	13		
9)	8			14	
10)					20
					20
					20
					20

There are 4 different positive integer answers for question 10.

How many can you find?



Name

Date



NEWTON'S NUMBER TRACK PUZZLE 3 ANSWERS

- 1)

6	5	11	16	27
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- 2)

2	6	8	14	22
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- 3)

15	10	25	35	60
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- 4)

5	7	12	19	31
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- 5)

10	6	16	22	38
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- 6)

10	30	40	70	110
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- 7)

6	2	8	10	18
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- 8)

4	9	13	22	35
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- 9)

8	3	11	14	25
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- 10)

1	6	7	13	20
4	4	8	12	20
7	2	9	11	20
10	0	10	10	20