

Identifying Number Pattern Rules

Work out what the number pattern rule is for each of these patterns. The pattern might be increasing (addition +) or decreasing (subtraction -).

Use the rule to help you complete the number patterns.

14	18	22	___	___	___
----	----	----	-----	-----	-----

Rule: _____

28	26	24	___	___	___
----	----	----	-----	-----	-----

Rule: _____

65	___	75	80	___	___
----	-----	----	----	-----	-----

Rule: _____

150	145	___	135	___	___
-----	-----	-----	-----	-----	-----

Rule: _____

36	30	24	___	___	___
----	----	----	-----	-----	-----

Rule: _____

90	___	96	99	___	___
----	-----	----	----	-----	-----

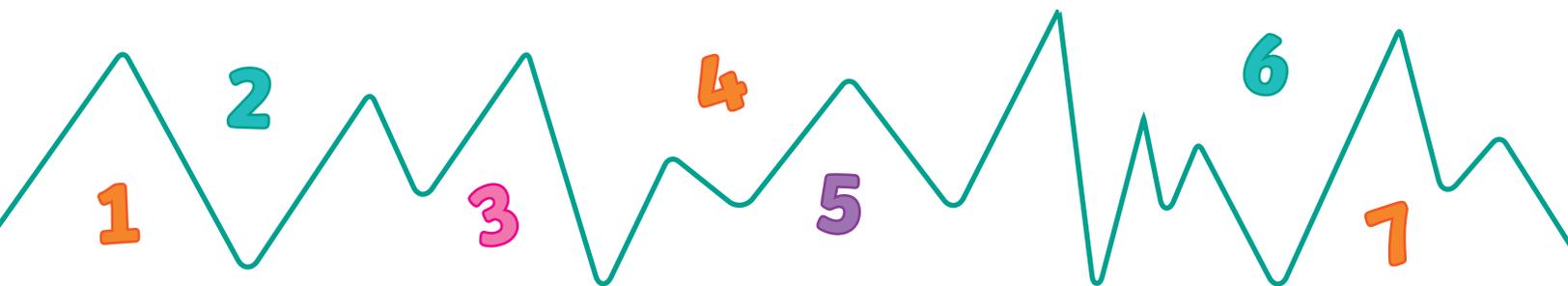
Rule: _____

201	211	221	___	___	___
-----	-----	-----	-----	-----	-----

Rule: _____

77	66	55	___	___	___
----	----	----	-----	-----	-----

Rule: _____



Can you create your own tricky addition and subtraction number patterns?

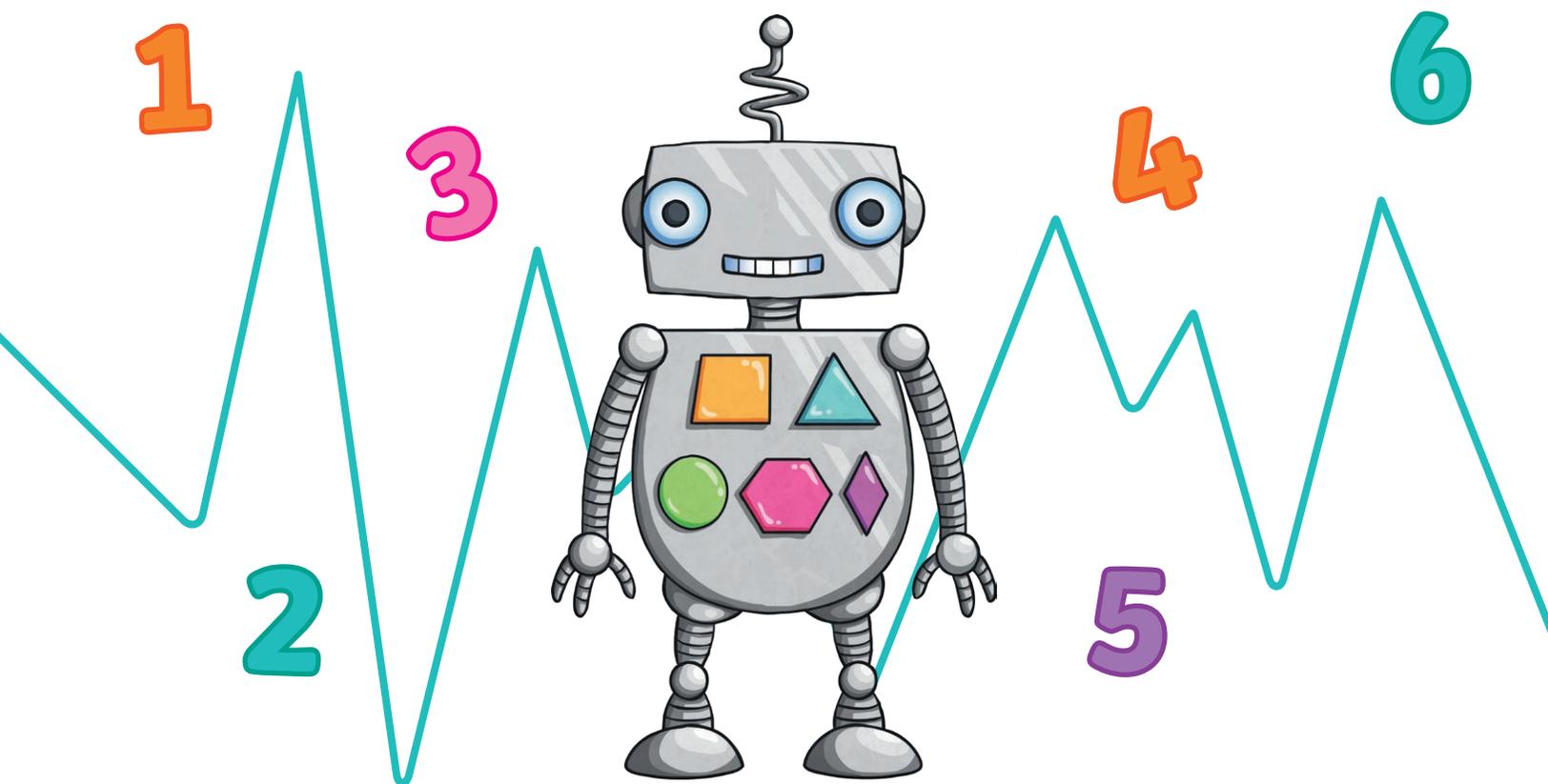
Don't forget to write down the rule!

My addition number pattern rule: _____

My number pattern is:

My subtraction number pattern rule: _____

My number pattern is:



Identifying Number Pattern

Rules Answers

14 18 22 26 30 34 Rule: +4

28 26 24 22 20 18 Rule: -2

65 70 75 80 85 90 Rule: +5

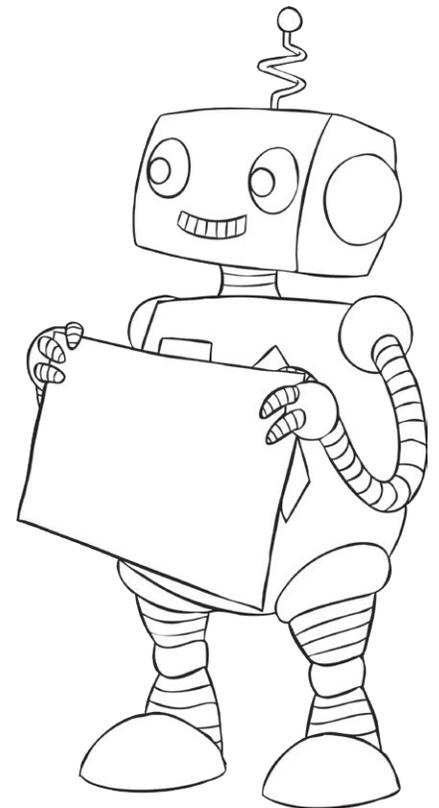
150 145 140 135 130 125 Rule: -5

36 30 24 18 12 6 Rule: -6

90 93 96 99 102 105 Rule: +3

201 211 221 231 241 251 Rule: +10

77 66 55 44 33 22 Rule: -11



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9	___	19	24	___	___
---	-----	----	----	-----	-----

Rule: _____

48	44	___	___	32	___
----	----	-----	-----	----	-----

Rule: _____

99	90	___	72	___	___
----	----	-----	----	-----	-----

Rule: _____

110	130	___	170	___	___
-----	-----	-----	-----	-----	-----

Rule: _____

107	97	___	___	67	___
-----	----	-----	-----	----	-----

Rule: _____

36	42	___	54	___	___
----	----	-----	----	-----	-----

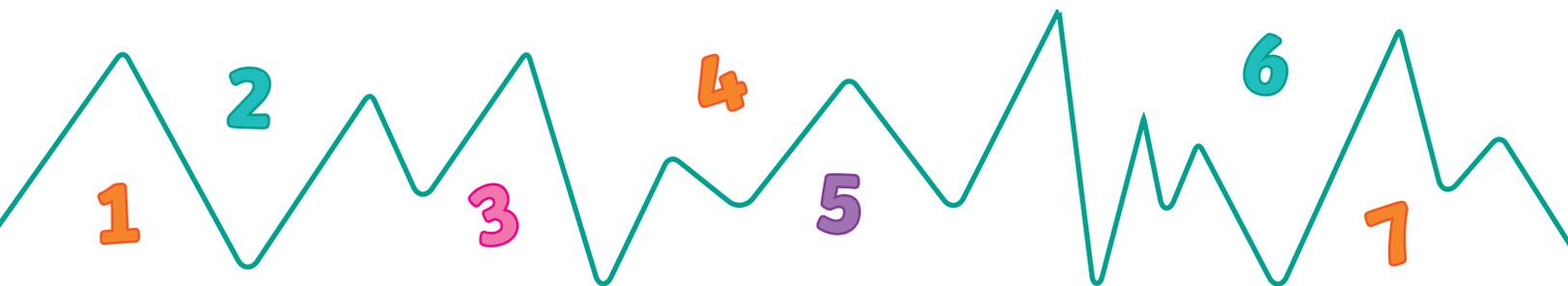
Rule: _____

24	36	48	___	___	___
----	----	----	-----	-----	-----

Rule: _____

235	233	___	229	___	___
-----	-----	-----	-----	-----	-----

Rule: _____



Can you create your own tricky addition and subtraction number patterns?

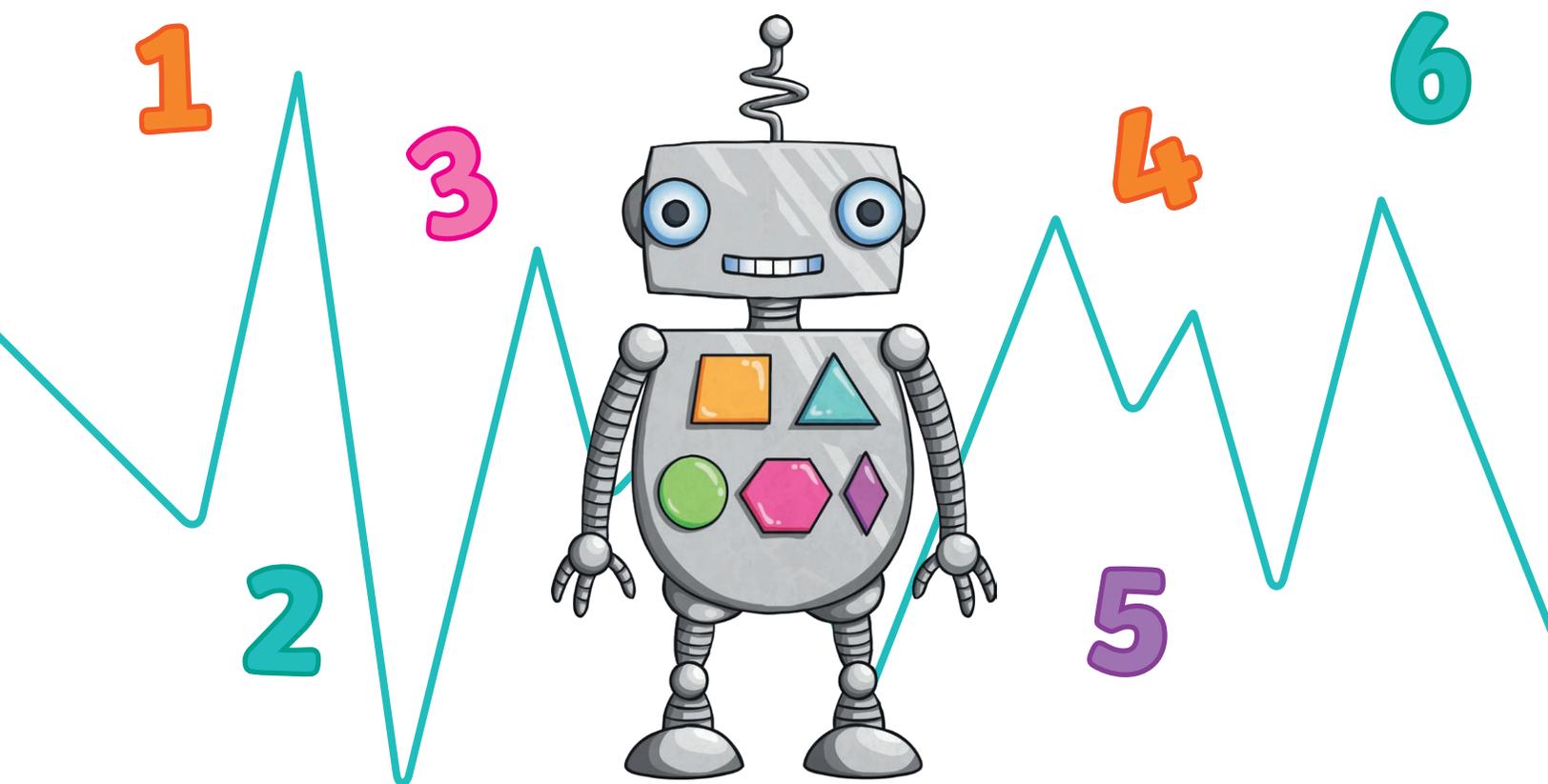
Don't forget to write down the rule!

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My subtraction number pattern rule: _____

My number pattern is:



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Rules Answers

9 **14** 19 24 **29** 34 Rule: +5

48 44 **40** **36** 32 **28** Rule: -4

99 90 **81** 72 **63** 54 Rule: -9

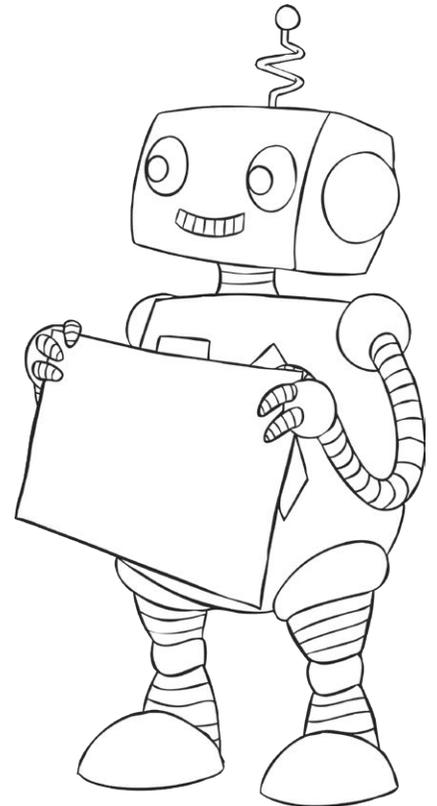
110 130 **150** 170 **190** 210 Rule: +20

107 97 **87** **77** 67 57 Rule: -10

36 42 **48** 54 **60** 66 Rule: +6

24 36 48 **60** 72 **84** Rule: +12

235 233 **231** 229 **227** 225 Rule: -2



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30	___	60	75	___	___
----	-----	----	----	-----	-----

Rule: _____

66	63	___	___	___	51
----	----	-----	-----	-----	----

Rule: _____

249	244	___	___	229	___
-----	-----	-----	-----	-----	-----

Rule: _____

21	28	___	___	49	___
----	----	-----	-----	----	-----

Rule: _____

72	60	48	___	___	___
----	----	----	-----	-----	-----

Rule: _____

8	16	24	___	___	___
---	----	----	-----	-----	-----

Rule: _____

132	___	140	___	148	___
-----	-----	-----	-----	-----	-----

Rule: _____

109	100	___	___	73	___
-----	-----	-----	-----	----	-----

Rule: _____



Can you create your own tricky addition and subtraction number patterns?

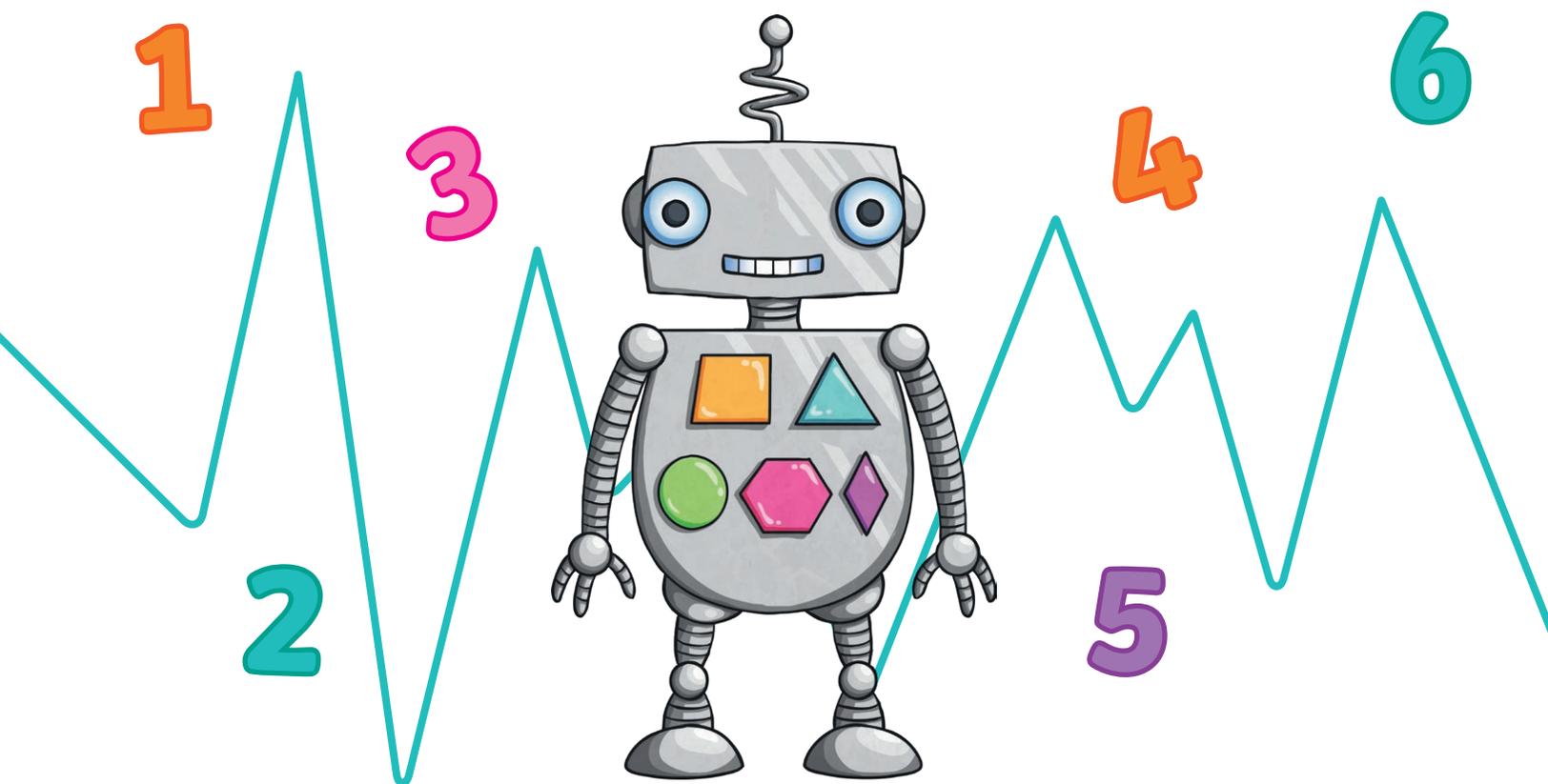
Don't forget to write down the rule!

My addition number pattern rule: _____

My number pattern is:

My subtraction number pattern rule: _____

My number pattern is:



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Rules Answers

30 **45** 60 75 **90** **105** Rule: +15

66 63 **60** **57** **54** 51 Rule: -3

249 244 **239** **234** 229 **224** Rule: -5

21 28 **35** **42** 49 **56** Rule: +7

72 60 48 **36** **24** **12** Rule: -12

8 16 24 **32** **40** **48** Rule: +8

132 **136** 140 **144** 148 **152** Rule: +4

109 100 **91** **82** 73 **64** Rule: -9

