

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? Show me!

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**

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.

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: _____

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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**

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

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.

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? Show me!

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**

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**