

Quiz Quiz Trade Starting Positions

Generate the first 5 terms of this sequence:

$$5n - 2$$

Generate the first 5 terms of this sequence:

$$n^2 + 3n$$

Generate the first 5 terms of this sequence:

$$3 \times 2^n$$

Solution:

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Generating Sequences

Quiz Quiz Trade Answers

Red	
R1	2, 5, 8, 11, 14
R2	12, 17, 22, 27, 32
R3	-7, -5, -3, -1, 1
R4	2, 9, 16, 23, 30
R5	9, 17, 25, 33, 41
R6	1, 5, 9, 13, 17
R7	7, 17, 27, 37, 47
R8	11, 16, 21, 26, 31
R9	-2, -5, -8, -11, -14
R10	-3, -5, -7, -9, -11
R11	1, -4, -9, -14, -19
R12	4, -4, -12, -20, -28
R13	9, 8, 7, 6, 5
R14	1, -2, -5, -8, -11
R15	-7, -9, -11, -13, -15
R16	-6, -15, -24, -33, -42

Yellow	
Y1	3, 8, 15, 24, 35
Y2	-2, -2, 0, 4, 10
Y3	2, 5, 10, 17, 26
Y4	-4, -1, 4, 11, 20
Y5	-4, -2, 6, 20, 40
Y6	8, 20, 36, 56, 80
Y7	1, 10, 27, 52, 85
Y8	-2, 0, 6, 16, 30
Y9	3, 11, 23, 39, 59
Y10	5, 15, 32, 55, 84
Y11	2, 11, 28, 53, 86
Y12	8, 10, 16, 26, 40
Y13	-2, 5, 14, 25, 38
Y14	-2, 2, 10, 22, 38
Y15	3, 17, 41, 75, 119
Y16	-4, 8, 24, 44, 68

Green	
G1	3, 9, 27, 81, 243
G2	5, 25, 125, 625, 3125
G3	9, 27, 81, 243, 729
G4	1, 4, 16, 64, 256
G5	4, 16, 64, 256, 1024
G6	0.5, 0.25, 0.125, 0.0625, 0.03125
G7	-2, 4, -8, 16, -32
G8	-3, 9, -27, 81, -243
G9	12, 36, 108, 324, 972
G10	-8, -32, -128, -512, -2048
G11	8, 16, 32, 64, 128
G12	-1, -3, -9, -27, -81
G13	4, 8, 16, 32, 64
G14	1, 0.5, 0.25, 0.125, 0.0625
G15	4, 12, 36, 108, 324
G16	3, 18, 108, 648, 3888

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$3n - 1$$

R1

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$5n + 7$$

R2

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$2n - 9$$

R3

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$7n - 5$$

R4

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$8n + 1$$

R5

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$4n - 3$$

R6

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$10n - 3$$

R7

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$5n + 6$$

R8

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$-3n + 1$$

R9

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$-2n - 1$$

R10

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$-5n + 6$$

R11

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$-8n + 12$$

R12

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$-n + 10$$

R13

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$-3n + 4$$

R14

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$-2n - 5$$

R15

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$-9n + 3$$

R16

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$n^2 + 2n$$

Y1

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$n^2 - 3n$$

Y2

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$n^2 + 1$$

Y3

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$n^2 - 5$$

Y4

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$3n^2 - 7n$$

Y5

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$2n^2 + 6n$$

Y6

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$4n^2 - 3n$$

Y7

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$2n^2 - 4n$$

Y8

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$2n^2 + 2n - 1$$

Y9

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$3n^2 + 2n + 1$$

Y10

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$4n^2 - 3n + 1$$

Y11

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$2n^2 - 4n + 10$$

Y12

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$n^2 + 4n - 7$$

Y13

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$2n^2 - 2n - 2$$

Y14

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$5n^2 - n - 1$$

Y15

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$2n^2 + 6n - 12$$

Y16

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$3^n$$

G1

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$5^n$$

G2

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$3^{n+1}$$

G3

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$4^{n-1}$$

G4

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$2^{2n}$$

G5

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$0.5^n$$

G6

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$(-2)^n$$

G7

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$(-3)^n$$

G8

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$4 \times 3^n$$

G9

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$(-2) \times 2^{2n}$$

G10

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$2 \times 2^{n+1}$$

G11

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$(-1) \times 3^{n-1}$$

G12

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$4 \times 2^{n-1}$$

G13

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$2 \times 0.5^n$$

G14

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$4 \times 3^{n-1}$$

G15

Quiz Quiz Trade

Generate the first 5 terms of this sequence:

$$3 \times 6^{n-1}$$

G16