

Generate and Describe Linear Number Sequences

1. The formula $3n - 1$ can be used to calculate the value of these terms in this sequence.

2 5 8 11

Find the 7th term. _____ Find the 10th term. _____

2. The formula $5n - 2$ can be used to calculate the value of these terms in this sequence.

3 8 13 18

Find the 8th term. _____ Find the 12th term. _____

3. The formula $4n + 2$ can be used to calculate the value of these terms in this sequence.

6 10 14 18

Find the 6th term. _____ Find the 11th term. _____

4. The formula $2n + 7$ can be used to calculate the value of these terms in this sequence.

9 11 13 15

Find the 7th term. _____ Find the 13th term. _____

5. The formula $6n + 4$ can be used to calculate the value of these terms in this sequence.

10 16 22 28

Find the 5th term. _____ Find the 10th term. _____

6. The formula $7n - 5$ can be used to calculate the value of these terms in this sequence.

2 9 16 23

Find the 9th term. _____ Find the 13th term. _____

7. The formula $7n - 5$ can be used to calculate the value of these terms in this sequence.

2 9 16 23

Find the 6th term. _____ Find the 10th term. _____

8. The formula $4n + 9$ can be used to calculate the value of these terms in this sequence.

13 17 21 25

Find the 7th term. _____ Find the 12th term. _____

Generate and Describe Linear Number Sequences

1. The formula $4n - 3$ can be used to calculate the value of these terms in this sequence.

1 5 9 13

Find the 5th term. _____ Find the 12th term. _____ Find the 20th term. _____

2. The formula $9n + 9$ can be used to calculate the value of these terms in this sequence.

18 27 36 45

Find the 5th term. _____ Find the 12th term. _____ Find the 20th term. _____

3. The formula $8n + 2$ can be used to calculate the value of these terms in this sequence.

10 18 26 34

Find the 8th term. _____ Find the 14th term. _____ Find the 18th term. _____

4. The formula $9n - 6$ can be used to calculate the value of these terms in this sequence.

3 12 21 30

Find the 7th term. _____ Find the 11th term. _____ Find the 19th term. _____

5. The formula $5n - 5$ can be used to calculate the value of these terms in this sequence.

0 5 10 15

Find the 8th term. _____ Find the 13th term. _____ Find the 17th term. _____

6. The formula $6n + 9$ can be used to calculate the value of these terms in this sequence.

15 21 27 33

Find the 5th term. _____ Find the 12th term. _____ Find the 18th term. _____

7. The formula $8n - 4$ can be used to calculate the value of these terms in this sequence.

4 12 20 28

Find the 6th term. _____ Find the 13th term. _____ Find the 16th term. _____

8. The formula $8n + 4$ can be used to calculate the value of these terms in this sequence.

12 20 28 36

Find the 9th term. _____ Find the 12th term. _____ Find the 18th term. _____

Generate and Describe Linear Number Sequences

1. The formula $9n - 2$ can be used to calculate the value of these terms in this sequence.

7 16 25 34

Find the 6th term. _____ Find the 12th term. _____ Find the 20th term. _____

2. The formula $7n + 2$ can be used to calculate the value of these terms in this sequence.

9 16 23 30

Find the 7th term. _____ Find the 10th term. _____ Find the 17th term. _____

3. The formula $9n + 2$ can be used to calculate the value of these terms in this sequence.

11 20 29 38

Find the 7th term. _____ Find the 11th term. _____ Find the 18th term. _____

4. The formula $7n + 6$ can be used to calculate the value of these terms in this sequence.

13 20 27 34

Find the 8th term. _____ Find the 12th term. _____ Find the 20th term. _____

5. The formula $8n + 5$ can be used to calculate the value of these terms in this sequence.

13 21 29 37

Find the 6th term. _____ Find the 12th term. _____ Find the 17th term. _____

6. The formula $4n - 8$ can be used to calculate the value of these terms in this sequence.

-4 0 4 8

Find the 7th term. _____ Find the 11th term. _____ Find the 16th term. _____

7. The formula $6n + 3$ can be used to calculate the value of these terms in this sequence.

9 15 21 27

Find the 6th term. _____ Find the 13th term. _____ Find the 15th term. _____

8. The formula $9n + 4$ can be used to calculate the value of these terms in this sequence.

13 22 31 40

Find the 7th term. _____ Find the 12th term. _____ Find the 17th term. _____

Generate and Describe Linear Number Sequences

- The formula $22n - 3$ can be used to calculate the value of these terms in this sequence.

19 41 63 85

Find the 5th term. _____ Find the 12th term. _____ Find the 20th term. _____
- The formula $22n - 9$ can be used to calculate the value of these terms in this sequence.

13 35 57 79

Find the 5th term. _____ Find the 12th term. _____ Find the 20th term. _____
- The formula $28n + 3$ can be used to calculate the value of these terms in this sequence.

31 59 87 115

Find the 8th term. _____ Find the 14th term. _____ Find the 18th term. _____
- The formula $29n + 2$ can be used to calculate the value of these terms in this sequence.

31 60 89 118

Find the 7th term. _____ Find the 11th term. _____ Find the 19th term. _____
- The formula $29n + 1$ can be used to calculate the value of these terms in this sequence.

30 59 88 117

Find the 8th term. _____ Find the 13th term. _____ Find the 17th term. _____
- The formula $22n + 4$ can be used to calculate the value of these terms in this sequence.

26 48 70 92

Find the 5th term. _____ Find the 12th term. _____ Find the 18th term. _____
- The formula $21n - 5$ can be used to calculate the value of these terms in this sequence.

16 37 58 79

Find the 6th term. _____ Find the 13th term. _____ Find the 16th term. _____
- The formula $29n - 7$ can be used to calculate the value of these terms in this sequence.

22 51 80 109

Find the 9th term. _____ Find the 12th term. _____ Find the 18th term. _____

Generate and Describe Linear Number Sequences

1. The formula $26n + 5$ can be used to calculate the value of these terms in this sequence.

31 57 83 109

Find the 6th term. _____ Find the 12th term. _____ Find the 20th term. _____

2. The formula $25n - 9$ can be used to calculate the value of these terms in this sequence.

16 41 66 91

Find the 7th term. _____ Find the 10th term. _____ Find the 17th term. _____

3. The formula $26n - 11$ can be used to calculate the value of these terms in this sequence.

15 41 67 93

Find the 7th term. _____ Find the 11th term. _____ Find the 18th term. _____

4. The formula $28n - 1$ can be used to calculate the value of these terms in this sequence.

27 55 83 111

Find the 8th term. _____ Find the 12th term. _____ Find the 20th term. _____

5. The formula $26n - 17$ can be used to calculate the value of these terms in this sequence.

43 69 95 121

Find the 6th term. _____ Find the 12th term. _____ Find the 17th term. _____

6. The formula $21n - 10$ can be used to calculate the value of these terms in this sequence.

11 32 53 74

Find the 7th term. _____ Find the 11th term. _____ Find the 16th term. _____

7. The formula $28n + 7$ can be used to calculate the value of these terms in this sequence.

35 63 91 119

Find the 6th term. _____ Find the 13th term. _____ Find the 15th term. _____

8. The formula $43n - 6$ can be used to calculate the value of these terms in this sequence.

37 80 123 166

Find the 7th term. _____ Find the 12th term. _____ Find the 17th term. _____

Generate and Describe Linear Number Sequences Answers

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1. 20, 29
2. 38, 58
3. 26, 46
4. 21, 33
5. 34, 64
6. 58, 86
7. 37, 65
8. 37, 57

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| | Term | Answer | Term | Answer | Term | Answer |
|----|------|--------|------|--------|------|--------|
| 1. | 5 | 17 | 12 | 45 | 20 | 77 |
| 2. | 5 | 54 | 12 | 117 | 20 | 189 |
| 3. | 8 | 66 | 14 | 114 | 18 | 146 |
| 4. | 7 | 57 | 11 | 93 | 19 | 165 |
| 5. | 8 | 35 | 13 | 60 | 17 | 80 |
| 6. | 5 | 39 | 12 | 81 | 18 | 117 |
| 7. | 6 | 44 | 13 | 100 | 16 | 124 |
| 8. | 9 | 76 | 12 | 100 | 18 | 148 |

| | Term | Answer | Term | Answer | Term | Answer |
|----|------|--------|------|--------|------|--------|
| 1. | 6 | 52 | 12 | 106 | 20 | 178 |
| 2. | 7 | 51 | 10 | 72 | 17 | 121 |
| 3. | 7 | 65 | 11 | 101 | 18 | 164 |
| 4. | 8 | 62 | 12 | 90 | 20 | 146 |
| 5. | 6 | 53 | 12 | 101 | 17 | 141 |
| 6. | 7 | 20 | 11 | 36 | 16 | 56 |
| 7. | 6 | 39 | 13 | 81 | 15 | 93 |
| 8. | 7 | 67 | 12 | 112 | 17 | 157 |

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| | Term | Answer | Term | Answer | Term | Answer |
|----|------|--------|------|--------|------|--------|
| 1. | 5 | 107 | 12 | 261 | 20 | 437 |
| 2. | 5 | 101 | 12 | 255 | 20 | 431 |
| 3. | 8 | 227 | 14 | 395 | 18 | 507 |
| 4. | 7 | 205 | 11 | 321 | 19 | 553 |
| 5. | 8 | 233 | 13 | 378 | 17 | 494 |
| 6. | 5 | 114 | 12 | 268 | 18 | 400 |
| 7. | 6 | 121 | 13 | 268 | 16 | 331 |
| 8. | 9 | 254 | 12 | 341 | 18 | 515 |

| | Term | Answer | Term | Answer | Term | Answer |
|----|------|--------|------|--------|------|--------|
| 1. | 6 | 161 | 12 | 317 | 20 | 525 |
| 2. | 7 | 166 | 10 | 241 | 17 | 416 |
| 3. | 7 | 171 | 11 | 275 | 18 | 457 |
| 4. | 8 | 223 | 12 | 335 | 20 | 559 |
| 5. | 6 | 173 | 12 | 329 | 17 | 459 |
| 6. | 7 | 137 | 11 | 221 | 16 | 326 |
| 7. | 6 | 175 | 13 | 371 | 15 | 427 |
| 8. | 7 | 295 | 12 | 510 | 17 | 725 |