

# Number Sequence Worksheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## MULTI-STEP NUMBER SEQUENCE

Think : Find the pattern : Complete!

2, 5, 7, 10, 12, \_\_\_\_\_, \_\_\_\_\_

3, 9, 8, 24, 23, \_\_\_\_\_, \_\_\_\_\_

6, 8, 16, 18, 36, \_\_\_\_\_, \_\_\_\_\_

1, 4, 6, 9, 11, \_\_\_\_\_, \_\_\_\_\_

8, 16, 13, 26, 23, \_\_\_\_\_, \_\_\_\_\_

2, 6, 5, 15, 14, \_\_\_\_\_, \_\_\_\_\_

4, 8, 6, 12, 10, 20, \_\_\_\_\_, \_\_\_\_\_

2, 3, 6, 7, 14, \_\_\_\_\_, \_\_\_\_\_

8, 4, 6, 3, 5, \_\_\_\_\_, \_\_\_\_\_

3, 6, 4, 8, 6, \_\_\_\_\_, \_\_\_\_\_

4, 6, 12, 14, 28, \_\_\_\_\_, \_\_\_\_\_

5, 10, 8, 16, 14, \_\_\_\_\_, \_\_\_\_\_

7, 14, 12, 24, 22, \_\_\_\_\_, \_\_\_\_\_

10, 5, 7, 3, 5, \_\_\_\_\_, \_\_\_\_\_

9, 11, 22, 24, 48, \_\_\_\_\_, \_\_\_\_\_

3, 5, 15, 17, 51, \_\_\_\_\_, \_\_\_\_\_

4, 8, 6, 12, 10, 20, \_\_\_\_\_, \_\_\_\_\_

5, 7, 21, 23, 69, \_\_\_\_\_, \_\_\_\_\_

7, 10, 20, 23, 46, \_\_\_\_\_, \_\_\_\_\_

9, 3, 5, 2, 4, \_\_\_\_\_, \_\_\_\_\_

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## MISSING MIDDLE SEQUENCES

Fill the Gaps : Find the Pattern

1. 2, \_\_\_\_, 8, \_\_\_\_, 14

2. 5, \_\_\_\_, 15, \_\_\_\_, 25

3. 3, \_\_\_\_, 12, \_\_\_\_, 21

4. 4, \_\_\_\_, 16, \_\_\_\_, 28

5. 6, \_\_\_\_, 18, \_\_\_\_, 30

6. 7, \_\_\_\_, 21, \_\_\_\_, 35

7. 1, \_\_\_\_, 5, \_\_\_\_, 9

8. 10, \_\_\_\_, 30, \_\_\_\_, 50

9. 2, \_\_\_\_, 6, \_\_\_\_, 18

10. 3, \_\_\_\_, 9, \_\_\_\_, 27

11. 4, \_\_\_\_, 16, \_\_\_\_, 64

12. 5, \_\_\_\_, 20, \_\_\_\_, 80

13. 6, \_\_\_\_, 24, \_\_\_\_, 96

14. 10, \_\_\_\_, 18, \_\_\_\_, 26

15. 7, \_\_\_\_, 13, \_\_\_\_, 19

16. 8, \_\_\_\_, 14, \_\_\_\_, 20

17. 9, \_\_\_\_, 21, \_\_\_\_, 33

18. 2, \_\_\_\_, 10, \_\_\_\_, 18

19. 3, \_\_\_\_, 15, \_\_\_\_, 27

20. 5, \_\_\_\_, 13, \_\_\_\_, 21

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## SKIP COUNTING WITH TWISTS

Follow the Pattern : Think Ahead

- 3, 6, 12, 15, 30, \_\_\_\_\_, \_\_\_\_\_
- 4, 8, 10, 20, 22, \_\_\_\_\_, \_\_\_\_\_
- 5, 10, 20, 25, 50, \_\_\_\_\_, \_\_\_\_\_
- 2, 4, 8, 11, 22, \_\_\_\_\_, \_\_\_\_\_
- 6, 12, 15, 30, 33, \_\_\_\_\_, \_\_\_\_\_
- 7, 14, 18, 36, 40, \_\_\_\_\_, \_\_\_\_\_
- 8, 16, 20, 40, 44, \_\_\_\_\_, \_\_\_\_\_
- 9, 18, 21, 42, 45, \_\_\_\_\_, \_\_\_\_\_
- 2, 6, 12, 16, 32, \_\_\_\_\_, \_\_\_\_\_
- 3, 9, 18, 22, 44, \_\_\_\_\_, \_\_\_\_\_
- 4, 12, 24, 28, 56, \_\_\_\_\_, \_\_\_\_\_
- 5, 15, 30, 35, 70, \_\_\_\_\_, \_\_\_\_\_
- 6, 18, 36, 42, 84, \_\_\_\_\_, \_\_\_\_\_
- 10, 5, 15, 10, 30, \_\_\_\_\_, \_\_\_\_\_
- 12, 6, 18, 9, 27, \_\_\_\_\_, \_\_\_\_\_
- 8, 4, 12, 6, 18, \_\_\_\_\_, \_\_\_\_\_
- 20, 10, 15, 30, 35, \_\_\_\_\_, \_\_\_\_\_
- 9, 3, 6, 18, 21, \_\_\_\_\_, \_\_\_\_\_
- 16, 8, 12, 24, 28, \_\_\_\_\_, \_\_\_\_\_
- 7, 14, 28, 32, 64, \_\_\_\_\_, \_\_\_\_\_
- 8, 12, 24, 28, 56, \_\_\_\_\_, \_\_\_\_\_
- 6, 9, 27, 30, 90, \_\_\_\_\_, \_\_\_\_\_
- 10, 7, 14, 11, 22, \_\_\_\_\_, \_\_\_\_\_
- 5, 8, 16, 19, 38, \_\_\_\_\_, \_\_\_\_\_
- 7, 11, 33, 37, 111, \_\_\_\_\_, \_\_\_\_\_
- 4, 6, 18, 20, 60, \_\_\_\_\_, \_\_\_\_\_
- 9, 6, 18, 15, 45, \_\_\_\_\_, \_\_\_\_\_
- 2, 5, 20, 23, 92, \_\_\_\_\_, \_\_\_\_\_
- 12, 10, 20, 18, 36, \_\_\_\_\_, \_\_\_\_\_
- 3, 5, 15, 17, 51, \_\_\_\_\_, \_\_\_\_\_

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## ASCENDING & DESCENDING ORDER

Arrange the numbers in the correct order!

### SECTION 1: Ascending Order

- |                       |          |
|-----------------------|----------|
| 1. 14, 6, 22, 9, 18   | 1. _____ |
| 2. 35, 12, 27, 19, 8  | 2. _____ |
| 3. 50, 25, 75, 10, 60 | 3. _____ |
| 4. 11, 3, 29, 17, 21  | 4. _____ |
| 5. 42, 16, 8, 33, 25  | 5. _____ |
| 6. 90, 45, 30, 60, 15 | 6. _____ |
| 7. 7, 28, 14, 35, 21  | 7. _____ |
| 8. 64, 32, 16, 48, 80 | 8. _____ |

### SECTION 2: Descending Order

- |                       |          |
|-----------------------|----------|
| 1. 18, 42, 9, 27, 33  | 1. _____ |
| 2. 55, 10, 35, 25, 45 | 2. _____ |
| 3. 72, 36, 18, 54, 90 | 3. _____ |
| 4. 15, 5, 25, 20, 10  | 4. _____ |
| 5. 63, 21, 42, 84, 7  | 5. _____ |
| 6. 48, 96, 24, 72, 12 | 6. _____ |
| 7. 81, 27, 54, 9, 36  | 7. _____ |
| 8. 66, 33, 99, 11, 44 | 8. _____ |

# Number Sequence Worksheet

Name: \_\_\_\_\_

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## SEQUENCE PUZZLE GRIDS

Look for Patterns : Fill the Missing Numbers

Each grid follows a number pattern across rows or columns.  
Find the pattern and fill in the missing numbers.

2	4	8
3	6	12
5	___	20

1	3	5
2	6	10
4	___	20

4	8	12
5	10	15
6	___	18

2	6	18
3	9	27
4	___	36

10	20	30
15	30	45
20	___	60

3	5	7
6	10	14
9	___	21

5	10	15
7	14	21
9	___	27

2	5	8
4	7	10
6	___	12

6	12	24
5	10	20
4	___	16

3	6	9
8	16	24
5	___	15

7	14	21
8	16	24
9	___	27

1	4	7
2	8	14
3	___	21

2	3	6
4	5	20
6	___	42

3	4	12
5	6	30
7	___	56

8	4	2
16	8	4
32	___	8

5	25	125
4	16	64
3	___	27

9	3	1
18	6	2
27	___	3

2	6	18
4	12	36
6	___	54

4	6	24
5	7	35
6	___	48

3	9	27
6	18	54
9	___	81

# Number Sequence Worksheet

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## NUMBER CHAINS – FLOWCHARTS

Follow the Steps : Track the Numbers

START: 5 →	+3	x2	-4	END: _____
START: 8 →	x2	+6	-5	END: _____
START: 10 →	-2	x3	+4	END: _____
START: 6 →	+4	x2	-3	END: _____
START: 7 →	x3	-5	+2	END: _____
START: 9 →	+1	x2	+3	END: _____
START: 4 →	x2	+8	-6	END: _____
START: 3 →	+7	x2	-5	END: _____
START: 5 →	+5	x2	-4	END: _____
START: 6 →	x2	+3	-6	END: _____
START: 8 →	-2	x3	+5	END: _____

# Number Sequence Worksheet

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## ODD-EVEN PATTERNS

Spot the Pattern : Fill the Missing Numbers

2, 5, 4, 7, 6, _____, _____	1, 4, 3, 6, 5, _____, _____
6, 3, 8, 5, 10, _____, _____	4, 9, 6, 11, 8, _____, _____
10, 7, 12, 9, 14, _____, _____	3, 8, 5, 10, 7, _____, _____
2, 7, 4, 9, 6, _____, _____	5, 2, 7, 4, 9, _____, _____
2, 5, 6, 9, 10, _____, _____	4, 3, 8, 7, 12, _____, _____
6, 5, 12, 11, 18, _____, _____	8, 1, 10, 3, 12, _____, _____
10, 5, 14, 9, 18, _____, _____	12, 7, 16, 11, 20, _____, _____
2, 3, 6, 5, 10, _____, _____	4, 1, 8, 3, 12, _____, _____
6, 9, 12, 11, 18, _____, _____	8, 5, 16, 7, 24, _____, _____
10, 3, 20, 5, 30, _____, _____	4, 7, 8, 11, 12, _____, _____

# Number Sequence Worksheet

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## NUMBER JOURNEYS – WORD PROBLEMS

Move Forward : Move Back : Find the Final Number

Riya starts with 5 candies. She gets 3 more, gives away 2, then gets 4 more.

How many candies does she have now? \_\_\_\_\_

Aman has 8 marbles. He loses 3, finds 5, then loses 2.

How many marbles does he have now? \_\_\_\_\_

A box has 10 pencils. 6 are added, 4 are used, and 2 more are added.

How many pencils are there now? \_\_\_\_\_

Neha starts at 7 steps. She climbs 2 steps, then 3 more, and goes down 5 steps.

Where is she now? \_\_\_\_\_

A jar has 12 cookies. 4 are eaten, 6 are added, then 3 are eaten.

How many cookies are left? \_\_\_\_\_

Ravi has 9 stickers. He gets 5 more, gives away 6, then gets 3 more.

How many stickers does he have now? \_\_\_\_\_

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## FRACTION & DECIMAL SEQUENCES

Think Carefully : Spot the Pattern : Solve Precisely

1.  $1/2, 1, 3/2, 2, \_, \_$
2.  $1/3, 2/3, 4/3, 8/3, \_, \_$
3.  $3/4, 1, 5/4, 3/2, \_, \_$
4.  $2/5, 4/5, 8/5, 16/5, \_, \_$
5.  $1/6, 1/3, 2/3, 4/3, \_, \_$
6.  $5/2, 2, 3/2, 1, \_, \_$
7.  $1/8, 3/8, 5/8, 7/8, \_, \_$
8.  $0.5, 1.0, 1.5, 2.0, \_, \_$
9.  $1.2, 2.4, 4.8, 9.6, \_, \_$
10.  $0.25, 0.5, 1.0, 2.0, \_, \_$
11.  $3.5, 3.0, 2.5, 2.0, \_, \_$
12.  $0.1, 0.3, 0.9, 2.7, \_, \_$
13.  $2.5, 5.0, 10.0, 20.0, \_, \_$
14.  $4.2, 3.2, 2.2, 1.2, \_, \_$

15.  $1/2, 1.0, 2.0, 4.0, \_, \_$
16.  $0.25, 1/2, 1, 2, \_, \_$
17.  $3/2, 1.5, 3.0, 6.0, \_, \_$
18.  $0.75, 3/2, 3.0, 6.0, \_, \_$
19.  $1/4, 0.5, 1.0, 2.0, \_, \_$
20.  $2/3, 1.0, 3/2, 2.0, \_, \_$
21.  $1/4, 1/2, 3/4, 1, \_, \_$
22.  $2/3, 4/3, 8/3, 16/3, \_, \_$
23.  $5/6, 2/3, 1/2, 1/3, \_, \_$
24.  $1/5, 2/5, 6/5, 24/5, \_, \_$
25.  $3/2, 2, 5/2, 3, \_, \_$
26.  $0.2, 0.6, 1.8, 5.4, \_, \_$
27.  $1.5, 1.0, 0.5, 0.0, \_, \_$
28.  $0.4, 0.8, 1.6, 3.2, \_, \_$

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## REVERSE + FORWARD SEQUENCES

Go Back : Go Forward : Find the Pattern

2, 4, 6, 8, 6, 4, \_\_, \_\_

3, 6, 9, 12, 9, 6, \_\_, \_\_

4, 8, 12, 16, 12, 8, \_\_, \_\_

5, 10, 15, 20, 15, 10, \_\_, \_\_

6, 12, 18, 24, 18, 12, \_\_, \_\_

7, 14, 21, 28, 21, 14, \_\_, \_\_

8, 16, 24, 32, 24, 16, \_\_, \_\_

9, 18, 27, 36, 27, 18, \_\_, \_\_

10, 20, 30, 40, 30, 20, \_\_, \_\_

11, 22, 33, 44, 33, 22, \_\_, \_\_

1, 3, 5, 7, 5, 3, \_\_, \_\_

2, 5, 8, 11, 8, 5, \_\_, \_\_

3, 7, 11, 15, 11, 7, \_\_, \_\_

4, 9, 14, 19, 14, 9, \_\_, \_\_

5, 11, 17, 23, 17, 11, \_\_, \_\_

6, 13, 20, 27, 20, 13, \_\_, \_\_

7, 15, 23, 31, 23, 15, \_\_, \_\_

8, 17, 26, 35, 26, 17, \_\_, \_\_

9, 19, 29, 39, 29, 19, \_\_, \_\_

10, 21, 32, 43, 32, 21, \_\_, \_\_

4, 12, 24, 20, 16, \_\_, \_\_

3, 8, 13, 18, 13, 8, \_\_, \_\_

4, 10, 16, 22, 16, 10, \_\_, \_\_

1, 4, 7, 10, 7, 4, \_\_, \_\_

6, 14, 22, 30, 22, 14, \_\_, \_\_

7, 16, 25, 34, 25, 16, \_\_, \_\_

8, 18, 28, 38, 28, 18, \_\_, \_\_

9, 20, 31, 42, 31, 20, \_\_, \_\_

10, 22, 34, 46, 34, 22, \_\_, \_\_

11, 24, 37, 50, 37, 24, \_\_, \_\_

5, 12, 19, 26, 19, 12, \_\_, \_\_

2, 6, 10, 14, 10, 6, \_\_, \_\_