

Name: _____ Date: _____ Score: _____/20

Find the rule.

In: 12, 14, 15, 17

1. Out: 4, 6, 7, 9

Rule: _____

Rule: +1

In	Out
11. 2	3
3	---
7	8

2. Fill: 31 , 25 , 19 , 13 , -----

12. Fill: 14 , 11 , -----, 5 , 2

Rule: +2

In	Out
3. 12	14
15	---
16	18

13. Fill: 49 , 40 , 31 , 22 , -----

Rule: -5

In	Out
4. 9	4
11	---
14	9

Rule: -9

In	Out
14. 12	3
14	---
15	6

Fill:

15. 2 , 9 , 16 , 23 , -----, -----

5. Fill: 39 , -----, 23 , 15 , 7

16. Fill: -----, 39 , 33 , 27 , 21

Find the rule.

In: 11, 12, 16

6. Out: 16, 17, 21

Rule: _____

17. Fill: -----, 19 , 27 , 35 , 43

7. Fill: 8 , 18 , -----, 38 , 48

18. Fill: 27 , -----, 17 , 12 , 7

8. Fill: 44 , -----, 24 , 14 , 4

Rule: -8

In	Out
19. 9	1
15	7
17	---

9. Fill: 37 , -----, 23 , 16 , 9

Rule: +10

In	Out
10. 4	---
5	15
8	18

Rule: -6

In	Out
20. 13	---
17	11
19	13

Name: _____ Date: _____ Score: _____/20

1. Fill: 32 , 42 , 52 , 62 , -----

Find the rule.

In: 1, 3, 12

2. Out: 11, 13, 22

Rule: _____

3. Fill: 9 , 17 , 25 , 33 , -----

Find the rule.

In: 9, 12, 17, 20

4. Out: 18, 24, 34, 40

Rule: _____

Rule: $\times 5$

In	Out
2	-----
4	20
5	25

6. Fill: 4 , 9 , ----- , 19 , 24

7. Fill: 20 , ----- , 18 , 17 , 16

Fill:

8. 17 , 24 , 31 , 38 , ----- ,

Fill:

9. 24 , 32 , 40 , 48 , ----- ,
-----Rule: $+1$

In	Out
12	-----
15	16
17	18

11. Fill: 17 , 20 , 23 , ----- , 29

12. Fill: 47 , 37 , 27 , 17 , -----

13. Fill: 44 , 45 , 46 , 47 , -----

14. Fill: 32 , ----- , 26 , 23 , 20

Find the rule.

In: 8, 13, 14

15. Out: 10, 15, 16

Rule: _____

Find the rule.

In: 5, 12, 13, 14

16. Out: 7, 14, 15, 16

Rule: _____

Rule: $\times 5$

In	Out
2	10
3	-----
4	20

Find the rule.

In: 12, 13, 17

18. Out: 2, 3, 7

Rule: _____

19. Fill: 12 , 19 , 26 , 33 , -----

Fill:

20. 25 , 34 , 43 , 52 , ----- ,

Name: _____ Date: _____ Score: _____/20

Fill:

1. 22 , 26 , 30 , 34 , ----- ,

Find the rule.

2. In: 15, 16, 19
Out: 150, 160, 190
Rule: _____

3. Fill: 58 , 65 , 72 , 79 , -----

4. Fill: 70 , 80 , 90 , 100 , -----

5. Fill: 8 , 9 , 10 , 11 , -----

Rule: $\times 4$

- | In | Out |
|----|-------|
| 7 | ----- |
| 10 | 40 |
| 11 | 44 |
- 6.

Rule: $\times 4$

- | In | Out |
|----|-------|
| 2 | 8 |
| 4 | 16 |
| 5 | ----- |
- 7.

Find the rule.

8. In: 5, 6, 12
Out: 8, 9, 15
Rule: _____

Fill:

9. 62 , 65 , 68 , 71 , ----- ,

Rule: $+3$

- | In | Out |
|----|-------|
| 8 | 11 |
| 10 | ----- |
| 14 | 17 |
- 10.

11. Fill: 28 , 25 , 22 , ----- , 16

Rule: $\times 2$

- | In | Out |
|----|-------|
| 6 | ----- |
| 9 | 18 |
| 11 | 22 |
- 12.

Find the rule.

13. In: 4, 7, 10, 12
Out: 2, 5, 8, 10
Rule: _____

14. Fill: 16 , 19 , 22 , 25 , -----

15. Fill: 2 , 7 , 12 , 17 , -----

Rule: -2

- | In | Out |
|----|-------|
| 10 | 8 |
| 16 | 14 |
| 23 | ----- |
- 16.

Find the rule.

17. In: 11, 12, 13, 17
Out: 2, 3, 4, 8
Rule: _____

18. Fill: 30 , 26 , ----- , 18 , 14

Rule: $+10$

- | In | Out |
|----|-------|
| 11 | ----- |
| 19 | 29 |
| 21 | 31 |
- 19.

Rule: -2

- | In | Out |
|----|-------|
| 10 | ----- |
| 16 | 14 |
| 17 | 15 |
- 20.

Name: _____ Date: _____ Score: _____/20

Rule: $\times 5$

In	Out
9	45
10	50
12	-----

2. Fill: 40 , 32 , 24 , ----- , 8

Rule: $\times 8$

In	Out
2	-----
3	24
5	40

Fill:

4. 63 , 65 , 67 , 69 , ----- ,

5. Fill: ----- , 11 , 15 , 19 , 23

6. Fill: 11 , 12 , 13 , 14 , -----

Rule: $\times 7$

In	Out
5	35
6	42
8	-----

8. Fill: 7 , 15 , 23 , 31 , -----

Find the rule.

9. In: 5, 6, 7, 9
Out: 45, 54, 63, 81
Rule: _____

Rule: $+2$

In	Out
14	-----
17	19
19	21

10.

Find the rule.

11. In: 15, 18, 19
Out: 13, 16, 17
Rule: _____

Rule: $\times 9$

In	Out
6	-----
8	72
10	90

12.

Rule: $\times 2$

In	Out
4	8
7	-----
8	16

13.

14. Fill: ----- , 22 , 17 , 12 , 7

Rule: $\times 10$

In	Out
8	-----
9	90
12	120

15.

16. Fill: 4 , 8 , ----- , 16 , 20

17. Fill: 13 , 18 , 23 , 28 , -----

18. Fill: 87 , 88 , 89 , 90 , -----

19. Fill: 77 , 83 , 89 , 95 , -----

20. Fill: 45 , 39 , 33 , 27 , -----

Math Intervention Practice Pack — Answer Keys

Patterns — Patterns

Page 1:

- | | |
|-------------------|---------------|
| 1. -8 | 2. 7 |
| 3. 17 | 4. 6 |
| 5. 31 | 6. +5 |
| 7. 28 | 8. 34 |
| 9. 30 | 10. 14 |
| 11. 4 | 12. 8 |
| 13. 13 | 14. 5 |
| 15. 30, 37 | 16. 45 |
| 17. 11 | 18. 22 |
| 19. 9 | 20. 7 |

Page 2:

- | | |
|-------------------|------------------|
| 1. 12 | 2. 16 |
| 3. 74, 83 | 4. 33 |
| 5. 12 | 6. 32, 33 |
| 7. 60 | 8. -4 |
| 9. 42 | 10. 20 |
| 11. 10 | 12. 12 |
| 13. ×6 | 14. 44 |
| 15. 65, 67 | 16. 13 |
| 17. -10 | 18. 47 |
| 19. 22 | 20. 24 |