

MATHS WIZARD

Numeration 1



TEACH
YOUR
CHILDREN
WELL

Paul Mason

Karen Mason



TEACH YOUR CHILDREN WELL

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Sample Booklet

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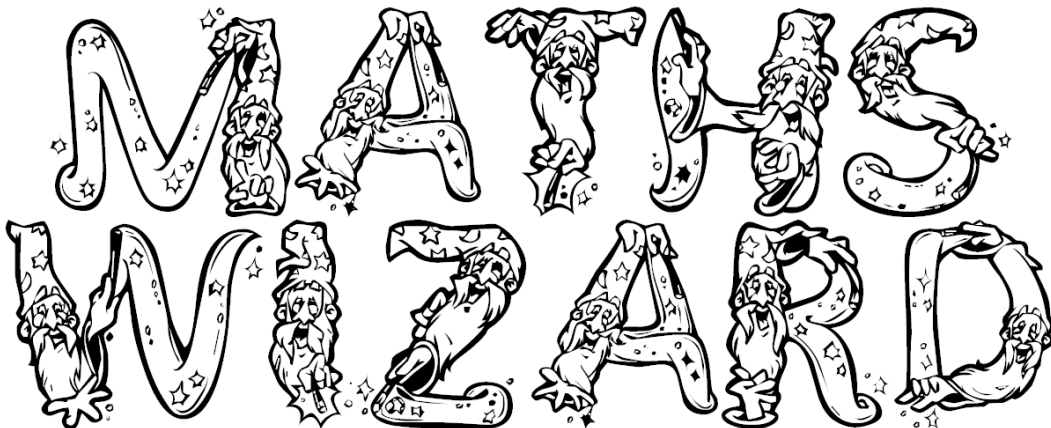
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This booklet is part of the



Series

Numeration 1

Maths

Wizard



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Counting Practice and Before / After / Between**PRE-TEST 2**Complete the counting tables.

1. Count by 2 from 78 to 88

--	--	--	--	--	--	--	--

2. Count by 1 from 76 to 81

--	--	--	--	--	--	--	--

3. Count by 2 from 68 to 78

--	--	--	--	--	--	--	--

4. Count by 1 from 50 to 55

--	--	--	--	--	--	--	--

5. Count by 2 from 57 to 67

--	--	--	--	--	--	--	--

6. Count by 2 from 87 to 97

--	--	--	--	--	--	--	--

7. Count by 2 from 34 to 44

--	--	--	--	--	--	--	--

8. Count by 2 from 76 to 86

--	--	--	--	--	--	--	--

9. Count by 2 from 55 to 65

--	--	--	--	--	--	--	--

10. Count by 2 from 30 to 40

--	--	--	--	--	--	--	--

Fill in the number that comes before, after or between the number(s) given.

11. 12 ___ 12. 32 ___ 34 13. 8 ___ 10 14. ___ 8 15. 33 ___
16. 5 ___ 17. 48 ___ 50 18. 6 ___ 19. 38 ___ 40 20. ___ 48
21. 15 ___ 22. 27 ___ 29 23. 6 ___ 8 24. 9 ___ 25. 25 ___ 27
26. 22 ___ 24 27. 8 ___ 28. 28 ___ 30 29. 5 ___ 7 30. ___ 6

Challenge: Find the numbers before and after the given number.

31. ___ 65 ___ 32. ___ 54 ___ 33. ___ 62 ___ 34. ___ 83 ___ 35. ___ 49 ___

Place Value and Ordering Numbers**PRE-TEST 03**

Write the place value of the underlined digit. (Write either ones (Units), or tens)

1. 75 = _____ 2. 50 = _____ 3. 48 = _____
 4. 3 = _____ 5. 19 = _____ 6. 2 = _____
 7. 62 = _____ 8. 11 = _____ 9. 38 = _____
 10. 8 = _____ 11. 20 = _____ 12. 52 = _____
 13. 5 = _____ 14. 24 = _____ 15. 70 = _____

Order the numbers from lowest to highest.

16. 8 17. 2 18. 8 19. 0 20. 7
 0 8 2 3 0
 3 0 9 2 5
 21. 9 22. 7 23. 9 24. 10 25. 2
 8 6 2 9 3
 3 10 1 3 4
 26. 1 27. 3 28. 5 29. 2 30. 0
 4 5 7 5 9
 0 1 0 6 4

Challenge: Find the magic number.

31.

8	1	6
3	5	
4		

Magic Number:

32.

3		1
2	4	6
7		

Magic Number:

33.

4	11	6
	7	5
	3	

Magic Number:

Place Value and Ordering Numbers

PRE-TEST 04

Write the place value of the underlined digit. (Write either ones (Units), tens or hundreds)

1. $\underline{3}06 =$ _____
2. $7\underline{4}1 =$ _____
3. $9\underline{3} =$ _____
4. $\underline{4}8 =$ _____
5. $\underline{4}63 =$ _____
6. $\underline{5}31 =$ _____
7. $3\underline{6} =$ _____
8. $1\underline{4} =$ _____
9. $\underline{2}\underline{2} =$ _____
10. $7\underline{3}0 =$ _____
11. $7\underline{1} =$ _____
12. $\underline{1}0 =$ _____
13. $\underline{6}94 =$ _____
14. $6\underline{7} =$ _____
15. $1\underline{4}4 =$ _____

Order the numbers from lowest to highest.

16. 18
39
26
17. 9
3
18
18. 43
48
14
19. 35
13
18
20. 3
39
45
21. 35
14
37
22. 4
1
48
23. 10
2
49
24. 38
12
41
25. 41
7
39
26. 28
47
19
27. 24
45
4
28. 31
28
47
29. 46
19
14
30. 8
44
26

Challenge: Find the magic number.

31.

	10	
8	12	16
	14	

Magic Number:

32.

		11
12	8	4
5		

Magic Number:

33.

3	8	1
	4	
		5

Magic Number:

Numbers, Words and Counting**PRE-TEST 5**

Write the word(s) for each number.

- 1) 4 _____ 2) 9 _____
3) 1 _____ 4) 6 _____
5) 3 _____ 6) 5 _____
7) 2 _____ 8) 7 _____
9) 8 _____ 10) 10 _____

Write the number for each word.

- 11) _____ four 12) _____ six
13) _____ two 14) _____ nine
15) _____ seven 16) _____ eight
17) _____ one 18) _____ five
19) _____ three 20) _____ ten

Challenge: Count forwards.

- 21) Count by 1 from 1 to 10

--	--	--	--	--	--	--	--	--	--

Challenge: Count backwards.

- 22) Count by 1 from 10 to 1

--	--	--	--	--	--	--	--	--	--

Numbers, Words and Counting**PRE-TEST 6**

Write the word(s) for each number.

- 1) 48 _____ 2) 17 _____
3) 46 _____ 4) 47 _____
5) 9 _____ 6) 34 _____
7) 37 _____ 8) 42 _____
9) 41 _____ 10) 26 _____

Write the number for each word.

- 11) _____ thirty-eight 12) _____ eight
13) _____ forty-six 14) _____ twenty-four
15) _____ six 16) _____ thirty-one
17) _____ thirty 18) _____ twenty
19) _____ thirty-six 20) _____ twelve

Challenge: Count forwards.

- 21) Count by 2 from 15 to 33

--	--	--	--	--	--	--	--	--	--

Challenge: Count backwards.

- 22) Count by 2 from 34 to 16

--	--	--	--	--	--	--	--	--	--

Number Patterns, $<$ / $>$ / $=$, Rounding and Factors PRETEST 7

Find the answer by working out the pattern.

1. 91, 82, 73, 64, 55, 46, 37, _____
2. 10, 16, 22, 28, 34, 40, 46, _____
3. 51, 54, 57, 60, 63, 66, 69, _____
4. 12, 20, 28, 36, 44, 52, 60, _____
5. 78, 69, 60, 51, 42, 33, 24, _____
6. 66, 63, 60, 57, 54, 51, 48, _____
7. 15, 19, 23, 27, 31, 35, 39, _____
8. 90, 84, 78, 72, 66, 60, 54, _____
9. 22, 24, 26, 28, 30, 32, 34, _____
10. 45, 42, 39, 36, 33, 30, 27, _____

Compare the numbers. Write $<$ (less than), $>$ (greater than) or Equal ($=$).

11. 7 ___ 15
12. 6 ___ 16
13. 8 ___ 2
14. 14 ___ 12
15. 5 ___ 19
16. 16 ___ 1
17. 16 ___ 12
18. 6 ___ 20
19. 10 ___ 4
20. 16 ___ 20

Round off to the NEAREST 10.

21. 92 = _____
22. 29 = _____
23. 48 = _____
24. 88 = _____
25. 98 = _____
26. 24 = _____
27. 50 = _____
28. 14 = _____
29. 51 = _____
30. 35 = _____

List the factors for each number.

31. 8 = _____
32. 6 = _____
33. 18 = _____
34. 15 = _____
35. 9 = _____
36. 7 = _____
37. 16 = _____
38. 3 = _____
39. 1 = _____
40. 4 = _____

Mixed Numeration Activities**PRE-TEST 8**Challenge: Count forwards.

1. Count by 1 from 19 to 23

--	--	--	--	--

2. Count by 1 from 3 to 7

--	--	--	--	--

Challenge: Count backwards.

3. Count by 1 from 19 to 15

--	--	--	--	--

4. Count by 1 from 11 to 7

--	--	--	--	--

Fill in the number that comes next.

5. 12 _____

6. 5 _____

7. 9 _____

8. 19 _____

9. 0 _____

Order the numbers from lowest to highest.

10. 15
12
20

11. 0
6
4

12. 16
11
5

13. 3
6
2

14. 17
1
11

Write the number for each word.

15. _____ thirteen

16. _____ nine

17. _____ sixteen

18. _____ seven

19. _____ five

20. _____ three

Write the word for each number.

21. 2 _____

22. 17 _____

23. 13 _____

24. 4 _____

25. 11 _____

26. 10 _____

Challenge: Find the magic number.

27.

	5	
11	9	7
6		

Magic Number: _____

28.

	0	
2	4	6
		1

Magic Number: _____

Super Challenge: Find the secret trail.

29.

1	5	1
1	1	5
5	4	2
	+	9

30.

1	5	1
3	3	2
5	5	2
	+	20

Mixed Numeration Activities

PRE-TEST 9

Challenge: Count forwards.

1. Count by 10 from 30 to 70

--	--	--	--	--

2. Count by 10 from 4 to 44

--	--	--	--	--

Challenge: Count backwards.

3. Count by 10 from 95 to 55

--	--	--	--	--

4. Count by 10 from 56 to 16

--	--	--	--	--

Fill in the number that comes before, after or between the given number(s).

5. 43 ____ 6. ____ 3 7. 27 ____ 8. ____ 49 9. ____ 22

Order the numbers from lowest to highest.

- | | | | | |
|--------|--------|--------|-------|-------|
| 10. 42 | 11. 34 | 12. 37 | 13. 5 | 14. 7 |
| 44 | 2 | 5 | 2 | 50 |
| 3 | 5 | 32 | 6 | 19 |
| 9 | 20 | 0 | 7 | 44 |

Write the number for each word.

15. ____ thirty-two 16. ____ forty-eight 21. 24 _____ 22. 14 _____
 17. ____ ten 18. ____ twenty 23. 31 _____ 24. 19 _____
 19. ____ thirty-four 20. ____ twenty-three 25. 35 _____ 26. 32 _____

Write the word for each number.

Challenge: Find the magic number.

27.

7		11
12	8	
		9

Magic Number:

28.

9	2	
	6	
5	10	

Magic Number:

Super Challenge: Find the secret trail.

29.

1	4	7
4	6	4
2	4	1
	+	21

30.

5	1	4
4	7	4
5	6	6
	+	29

Counting Practice and Before / After / Between POST-TEST 1

Complete the counting tables.

1. Count by 2 from 4 to 14

--	--	--	--	--	--	--	--

2. Count by 2 from 9 to 19

--	--	--	--	--	--	--	--

3. Count by 1 from 8 to 13

--	--	--	--	--	--	--	--

4. Count by 2 from 2 to 12

--	--	--	--	--	--	--	--

5. Count by 1 from 6 to 11

--	--	--	--	--	--	--	--

6. Count by 1 from 2 to 7

--	--	--	--	--	--	--	--

7. Count by 1 from 4 to 9

--	--	--	--	--	--	--	--

8. Count by 2 from 6 to 16

--	--	--	--	--	--	--	--

9. Count by 1 from 9 to 14

--	--	--	--	--	--	--	--

10. Count by 2 from 1 to 11

--	--	--	--	--	--	--	--

Fill in the number that comes next.

11. 18 ___ 12. 9 ___ 13. 19 ___ 14. 7 ___ 15. 10 ___
16. 14 ___ 17. 8 ___ 18. 15 ___ 19. 17 ___ 20. 1 ___
21. 11 ___ 22. 5 ___ 23. 3 ___ 24. 12 ___ 25. 16 ___
26. 4 ___ 27. 6 ___ 28. 2 ___ 29. 13 ___ 30. 0 ___

Challenge:

31. Count by 2 from 5 to 31

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Counting Practice and Before / After / Between**POST-TEST 2**Complete the counting tables.

1. Count by 1 from 54 to 59

--	--	--	--	--	--	--

2. Count by 1 from 27 to 32

--	--	--	--	--	--	--

3. Count by 1 from 40 to 45

--	--	--	--	--	--	--

4. Count by 1 from 89 to 94

--	--	--	--	--	--	--

5. Count by 1 from 51 to 56

--	--	--	--	--	--	--

6. Count by 2 from 27 to 37

--	--	--	--	--	--	--

7. Count by 1 from 86 to 91

--	--	--	--	--	--	--

8. Count by 2 from 65 to 75

--	--	--	--	--	--	--

9. Count by 1 from 75 to 80

--	--	--	--	--	--	--

10. Count by 1 from 29 to 34

--	--	--	--	--	--	--

Fill in the number that comes before, after or between the number(s) given.

11. ___ 14 12. 6 ___ 13. ___ 7 14. 22 ___ 24 15. 47 ___

16. 12 ___ 14 17. 47 ___ 49 18. 6 ___ 8 19. ___ 10 20. 5 ___ 7

21. 33 ___ 22. 19 ___ 23. 23 ___ 24. 8 ___ 25. ___ 34

26. 20 ___ 22 27. ___ 23 28. 30 ___ 32 29. 10 ___ 30. 17 ___ 19

Challenge: Find the numbers before and after the given number.

31. ___ 44 ___ 32. ___ 74 ___ 33. ___ 97 ___ 34. ___ 50 ___ 35. ___ 40 ___

Place Value and Ordering Numbers**POST-TEST 03**

Write the place value of the underlined digit. (Write either ones (Units), or tens)

1. 5 = _____ 2. 4 = _____ 3. 16 = _____
 4. 49 = _____ 5. 9 = _____ 6. 97 = _____
 7. 59 = _____ 8. 96 = _____ 9. 7 = _____
 10. 6 = _____ 11. 20 = _____ 12. 2 = _____
 13. 58 = _____ 14. 21 = _____ 15. 3 = _____

Order the numbers from lowest to highest.

16. 2 17. 4 18. 2 19. 1 20. 2
 0 10 1 7 3
 10 3 10 6 4
 21. 3 22. 4 23. 8 24. 10 25. 1
 2 7 5 1 5
 4 2 6 4 2
 26. 9 27. 9 28. 7 29. 2 30. 5
 2 4 8 7 3
 6 7 5 4 0

Challenge: Find the magic number.

31.

2	9	4
		3
6	1	

Magic Number:

32.

	11	4
		9
10	3	8

Magic Number:

33.

9	4	5
2		10
	8	

Magic Number:

Place Value and Ordering Numbers**POST-TEST 04**

Write the place value of the underlined digit. (Write either ones (Units), tens or hundreds)

1. $6\underline{4}$ = _____ 2. $\underline{3}3$ = _____ 3. $\underline{9}52$ = _____
4. $2\underline{1}7$ = _____ 5. $48\underline{6}$ = _____ 6. $\underline{8}87$ = _____
7. $9\underline{1}2$ = _____ 8. $87\underline{3}$ = _____ 9. $3\underline{6}$ = _____
10. $\underline{1}7$ = _____ 11. $\underline{2}7$ = _____ 12. $\underline{2}0$ = _____
13. $\underline{9}0$ = _____ 14. $97\underline{3}$ = _____ 15. $8\underline{0}$ = _____

Order the numbers from lowest to highest.

16. 9
47
5
17. 12
34
2
18. 13
47
16
19. 15
22
27
20. 41
49
19
21. 24
4
26
22. 50
44
5
23. 34
12
24
24. 17
41
13
25. 33
37
36
26. 49
8
34
27. 9
1
11
28. 35
49
4
29. 27
41
28
30. 49
36
11

Challenge: Find the magic number.

31.

9	14	7
8		
13		

Magic Number:

32.

		10
	9	11
	13	6

Magic Number:

33.

	10	
		12
11	6	7

Magic Number:

Numbers, Words and Counting**POST-TEST 5**

Write the word(s) for each number.

- 1) 4 _____ 2) 5 _____
3) 7 _____ 4) 10 _____
5) 1 _____ 6) 8 _____
7) 2 _____ 8) 9 _____
9) 3 _____ 10) 6 _____

Write the number for each word.

- 11) _____ eight 12) _____ three
13) _____ six 14) _____ five
15) _____ four 16) _____ two
17) _____ nine 18) _____ one
19) _____ ten 20) _____ seven

Challenge: Count forwards.

- 21) Count by 1 from 1 to 10

--	--	--	--	--	--	--	--	--	--

Challenge: Count backwards.

- 22) Count by 1 from 10 to 1

--	--	--	--	--	--	--	--	--	--

Numbers, Words and Counting**POST-TEST 6**

Write the word(s) for each number.

- 1) 46 _____ 2) 24 _____
3) 11 _____ 4) 26 _____
5) 10 _____ 6) 5 _____
7) 30 _____ 8) 31 _____
9) 13 _____ 10) 44 _____

Write the number for each word.

- 11) _____ twenty-six 12) _____ forty-seven
13) _____ thirteen 14) _____ eleven
15) _____ twenty-three 16) _____ thirty-seven
17) _____ eight 18) _____ two
19) _____ fifty 20) _____ thirty

Challenge: Count forwards.

- 21) Count by 2 from 18 to 36

--	--	--	--	--	--	--	--	--	--

Challenge: Count backwards.

- 22) Count by 2 from 24 to 6

--	--	--	--	--	--	--	--	--	--

Number Patterns, $<$ / $>$ / $=$, Rounding & Factors POSTTEST 7

Find the answer by working out the pattern.

- | | |
|--------------------------------------|---------------------------------------|
| 1. 97, 88, 79, 70, 61, 52, 43, _____ | 2. 82, 75, 68, 61, 54, 47, 40, _____ |
| 3. 68, 72, 76, 80, 84, 88, 92, _____ | 4. 20, 28, 36, 44, 52, 60, 68, _____ |
| 5. 2, 8, 14, 20, 26, 32, 38, _____ | 6. 75, 72, 69, 66, 63, 60, 57, _____ |
| 7. 32, 36, 40, 44, 48, 52, 56, _____ | 8. 96, 90, 84, 78, 72, 66, 60, _____ |
| 9. 39, 42, 45, 48, 51, 54, 57, _____ | 10. 67, 71, 75, 79, 83, 87, 91, _____ |

Compare the numbers. Write $<$ (less than), $>$ (greater than) or Equal ($=$).

- | | | | | |
|---------------|---------------|--------------|---------------|---------------|
| 11. 7 ___ 19 | 12. 6 ___ 12 | 13. 14 ___ 5 | 14. 20 ___ 18 | 15. 14 ___ 16 |
| 16. 15 ___ 11 | 17. 10 ___ 12 | 18. 14 ___ 2 | 19. 8 ___ 4 | 20. 1 ___ 10 |

Round off to the NEAREST 10.

- | | |
|------------------------|------------------------|
| 21. <u>9</u> 1 = _____ | 22. <u>5</u> 0 = _____ |
| 23. <u>9</u> 4 = _____ | 24. <u>4</u> 6 = _____ |
| 25. <u>9</u> 0 = _____ | 26. <u>1</u> 9 = _____ |
| 27. <u>8</u> 0 = _____ | 28. <u>3</u> 2 = _____ |
| 29. <u>7</u> 5 = _____ | 30. <u>4</u> 8 = _____ |

List the factors for each number.

- | | |
|----------------|----------------|
| 31. 10 = _____ | 32. 14 = _____ |
| 33. 15 = _____ | 34. 8 = _____ |
| 35. 2 = _____ | 36. 19 = _____ |
| 37. 3 = _____ | 38. 20 = _____ |
| 39. 5 = _____ | 40. 4 = _____ |

Mixed Numeration Activities**POST-TEST 8**Challenge: Count forwards.

1. Count by 1 from 1 to 5

--	--	--	--	--

2. Count by 2 from 19 to 27

--	--	--	--	--

Challenge: Count backwards.

3. Count by 1 from 10 to 6

--	--	--	--	--

4. Count by 2 from 20 to 12

--	--	--	--	--

Fill in the number that comes next.

5. 16 _____

6. 6 _____

7. 11 _____

8. 7 _____

9. 0 _____

Order the numbers from lowest to highest.

10. 8
19
18

11. 6
14
11

12. 1
4
5

13. 13
0
4

14. 18
15
19

Write the number for each word.

15. _____ four

16. _____ fifteen

17. _____ nine

18. _____ seven

19. _____ three

20. _____ thirteen

Write the word for each number.

21. 15 _____

22. 5 _____

23. 12 _____

24. 2 _____

25. 18 _____

26. 3 _____

Challenge: Find the magic number.

27.

8	9	
	7	
10	5	

Magic Number:

28.

9	14	
	10	12
	6	

Magic Number:

Super Challenge: Find the secret trail.

29.

2	1	5
5	2	2
5	1	4
	+	21

30.

4	4	1
1	1	5
4	3	1
	+	16

Mixed Numeration Activities**POST-TEST 9**Challenge: Count forwards.

1. Count by 10 from 10 to 50

--	--	--	--	--

2. Count by 10 from 48 to 88

--	--	--	--	--

Challenge: Count backwards.

3. Count by 10 from 50 to 10

--	--	--	--	--

4. Count by 10 from 72 to 32

--	--	--	--	--

Fill in the number that comes before, after or between the given number(s).

5. ___ 15 6. 2 ___ 7. 37 ___ 8. 13 ___ 9. ___ 3

Order the numbers from lowest to highest.

- | | | | | |
|--------|-------|--------|-------|--------|
| 10. 35 | 11. 6 | 12. 47 | 13. 6 | 14. 20 |
| 12 | 50 | 9 | 4 | 31 |
| 10 | 8 | 14 | 29 | 43 |
| 9 | 4 | 1 | 8 | 21 |

Write the number for each word.

15. ___ four 16. ___ twenty-two
-
17. ___ nineteen 18. ___ seven
-
19. ___ thirty-two 20. ___ one

Write the word for each number.

21. 26 _____ 22. 44 _____
-
23. 15 _____ 24. 25 _____
-
25. 21 _____ 26. 18 _____

Challenge: Find the magic number.
 27.

	5	
7	9	
8		6

Magic Number:

 28.

3		7
4	9	2

Magic Number:

Super Challenge: Find the secret trail.
 29.

3	5	4
3	3	7
3	5	4
	+	15

 30.

7	2	4
1	6	7
6	1	4
	+	31

Counting Practice and Before / After / Between 101

Complete the counting tables.

1. Count by 1 from 2 to 7

--	--	--	--	--	--

2. Count by 2 from 8 to 18

--	--	--	--	--	--

3. Count by 1 from 8 to 13

--	--	--	--	--	--

4. Count by 2 from 4 to 14

--	--	--	--	--	--

5. Count by 1 from 9 to 14

--	--	--	--	--	--

6. Count by 2 from 10 to 20

--	--	--	--	--	--

7. Count by 2 from 2 to 12

--	--	--	--	--	--

8. Count by 1 from 7 to 12

--	--	--	--	--	--

9. Count by 2 from 7 to 17

--	--	--	--	--	--

10. Count by 1 from 1 to 6

--	--	--	--	--	--

Fill in the number that comes next.

11. 9 _____

12. 6 _____

13. 17 _____

14. 4 _____

15. 18 _____

16. 5 _____

17. 11 _____

18. 1 _____

19. 19 _____

20. 15 _____

21. 16 _____

22. 13 _____

23. 0 _____

24. 14 _____

25. 8 _____

26. 12 _____

27. 7 _____

28. 2 _____

29. 3 _____

30. 10 _____

Challenge:

31. Count by 1 from 3 to 16

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Counting Practice and Before / After / Between 102

Complete the counting tables.

1. Count by 2 from 6 to 16

--	--	--	--	--	--

2. Count by 2 from 10 to 20

--	--	--	--	--	--

3. Count by 2 from 7 to 17

--	--	--	--	--	--

4. Count by 1 from 3 to 8

--	--	--	--	--	--

5. Count by 1 from 5 to 10

--	--	--	--	--	--

6. Count by 2 from 1 to 11

--	--	--	--	--	--

7. Count by 2 from 5 to 15

--	--	--	--	--	--

8. Count by 1 from 2 to 7

--	--	--	--	--	--

9. Count by 1 from 4 to 9

--	--	--	--	--	--

10. Count by 1 from 7 to 12

--	--	--	--	--	--

Fill in the number that comes next.

11. 10 ____

12. 18 ____

13. 15 ____

14. 7 ____

15. 2 ____

16. 6 ____

17. 5 ____

18. 3 ____

19. 0 ____

20. 11 ____

21. 8 ____

22. 16 ____

23. 17 ____

24. 12 ____

25. 19 ____

26. 4 ____

27. 14 ____

28. 1 ____

29. 13 ____

30. 9 ____

Challenge:

31. Count by 2 from 6 to 32

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Counting Practice and Before / After / Between PRE-TEST 1

Complete the counting tables.

1. Count by 2 from 6 to 16

6	8	10	12	14	16
---	---	----	----	----	----

2. Count by 2 from 4 to 14

4	6	8	10	12	14
---	---	---	----	----	----

3. Count by 1 from 4 to 9

4	5	6	7	8	9
---	---	---	---	---	---

4. Count by 2 from 5 to 15

5	7	9	11	13	15
---	---	---	----	----	----

5. Count by 1 from 9 to 14

9	10	11	12	13	14
---	----	----	----	----	----

6. Count by 1 from 5 to 10

5	6	7	8	9	10
---	---	---	---	---	----

7. Count by 1 from 6 to 11

6	7	8	9	10	11
---	---	---	---	----	----

8. Count by 2 from 2 to 12

2	4	6	8	10	12
---	---	---	---	----	----

9. Count by 1 from 1 to 6

1	2	3	4	5	6
---	---	---	---	---	---

10. Count by 1 from 3 to 8

3	4	5	6	7	8
---	---	---	---	---	---

Fill in the number that comes next.

11. 8 9 12. 15 16 13. 5 6 14. 16 17 15. 1 2
 16. 0 1 17. 11 12 18. 3 4 19. 12 13 20. 17 18
 21. 2 3 22. 14 15 23. 9 10 24. 10 11 25. 13 14
 26. 7 8 27. 6 7 28. 18 19 29. 4 5 30. 19 20

Challenge:

31. Count by 2 from 7 to 33

7	9	11	13	15	17	19	21	23	25	27	29	31	33
---	---	----	----	----	----	----	----	----	----	----	----	----	----

Counting Practice and Before / After / Between PRE-TEST 2

Complete the counting tables.

1. Count by 2 from 78 to 88

78	80	82	84	86	88
----	----	----	----	----	----

2. Count by 1 from 76 to 81

76	77	78	79	80	81
----	----	----	----	----	----

3. Count by 2 from 68 to 78

68	70	72	74	76	78
----	----	----	----	----	----

4. Count by 1 from 50 to 55

50	51	52	53	54	55
----	----	----	----	----	----

5. Count by 2 from 57 to 67

57	59	61	63	65	67
----	----	----	----	----	----

6. Count by 2 from 87 to 97

87	89	91	93	95	97
----	----	----	----	----	----

7. Count by 2 from 34 to 44

34	36	38	40	42	44
----	----	----	----	----	----

8. Count by 2 from 76 to 86

76	78	80	82	84	86
----	----	----	----	----	----

9. Count by 2 from 55 to 65

55	57	59	61	63	65
----	----	----	----	----	----

10. Count by 2 from 30 to 40

30	32	34	36	38	40
----	----	----	----	----	----

Fill in the number that comes before, after or between the number(s) given.

11. 12 13 12. 32 33 34 13. 8 9 10 14. 7 8 15. 33 34
 16. 5 6 17. 48 49 50 18. 6 7 19. 38 39 40 20. 47 48
 21. 15 16 22. 27 28 29 23. 6 7 8 24. 9 10 25. 25 26 27
 26. 22 23 24 27. 8 9 28. 28 29 30 29. 5 6 7 30. 5 6

Challenge: Find the numbers before and after the given number.

31. 64 65 66 32. 53 54 55 33. 61 62 63 34. 82 83 84 35. 48 49 50

Place Value and Ordering Numbers PRE-TEST 03

Write the place value of the underlined digit. (Write either ones (Units), or tens)

1. 75 = 7 tens 2. 50 = 0 ones 3. 48 = 4 tens
 4. 3 = 3 ones 5. 19 = 9 ones 6. 2 = 2 ones
 7. 62 = 6 tens 8. 11 = 1 ten 9. 38 = 3 tens
 10. 8 = 8 ones 11. 20 = 0 ones 12. 52 = 2 ones
 13. 5 = 5 ones 14. 24 = 4 ones 15. 70 = 7 tens

Order the numbers from lowest to highest.

16. 8 0 17. 2 0 18. 8 2 19. 0 0 20. 7 0
 0 3 8 2 2 8 3 2 0 5
 3 8 0 8 9 9 2 3 5 7
 21. 9 3 22. 7 6 23. 9 1 24. 10 3 25. 2 2
 8 8 6 7 2 2 9 9 3 3
 3 9 10 10 1 9 3 10 4 4
 26. 1 0 27. 3 1 28. 5 0 29. 2 2 30. 0 0
 4 1 5 3 7 5 5 5 9 4
 0 4 1 5 0 7 6 6 4 9

Challenge: Find the magic number.

31.

8	1	6
3	5	<u>7</u>
4	9	2

 Magic Number: 15
32.

3	8	1
2	4	6
7	0	5

 Magic Number: 12
33.

4	11	6
9	7	5
8	3	<u>10</u>

 Magic Number: 21

Place Value and Ordering Numbers PRE-TEST 04

Write the place value of the underlined digit. (Write either ones (Units), tens or hundreds)

1. 306 = 3 hundreds 2. 741 = 4 tens 3. 93 = 3 ones
 4. 48 = 4 tens 5. 463 = 4 hundreds 6. 531 = 5 hundreds
 7. 36 = 6 ones 8. 14 = 4 ones 9. 22 = 2 ones
 10. 730 = 3 tens 11. 71 = 1 one 12. 10 = 1 ten
 13. 694 = 6 hundreds 14. 67 = 7 ones 15. 144 = 4 tens

Order the numbers from lowest to highest.

16. 18 18 17. 9 3 18. 43 14 19. 35 13 20. 3 3
 39 26 3 9 48 43 13 18 39 39
 26 39 18 18 14 48 18 35 45 45
 21. 35 14 22. 4 1 23. 10 2 24. 38 12 25. 41 7
 14 35 1 4 2 10 12 38 7 39
 37 37 48 48 49 49 41 41 39 41
 26. 28 19 27. 24 4 28. 31 28 29. 46 14 30. 8 8
 47 28 45 24 28 31 19 19 44 26
 19 47 4 45 47 47 14 46 26 44

Challenge: Find the magic number.

31.

15	10	11
8	12	16
13	14	9

 Magic Number: 36
32.

7	6	11
12	8	4
5	10	9

 Magic Number: 24
33.

3	8	1
2	4	6
7	0	5

 Magic Number: 12

Numbers, Words and Counting PRE-TEST 5

Write the word(s) for each number.

- 1) 4 four 2) 9 nine
 3) 1 one 4) 6 six
 5) 3 three 6) 5 five
 7) 2 two 8) 7 seven
 9) 8 eight 10) 10 ten

Write the number for each word.

- 11) 4 four 12) 6 six
 13) 2 two 14) 9 nine
 15) 7 seven 16) 8 eight
 17) 1 one 18) 5 five
 19) 3 three 20) 10 ten

Challenge: Count forwards.

21) Count by 1 from 1 to 10

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

Challenge: Count backwards.

22) Count by 1 from 10 to 1

10	9	8	7	6	5	4	3	2	1
----	---	---	---	---	---	---	---	---	---

Numbers, Words and Counting PRE-TEST 6

Write the word(s) for each number.

- 1) 48 forty-eight 2) 17 seventeen
 3) 46 forty-six 4) 47 forty-seven
 5) 9 nine 6) 34 thirty-four
 7) 37 thirty-seven 8) 42 forty-two
 9) 41 forty-one 10) 26 twenty-six

Write the number for each word.

- 11) 38 thirty-eight 12) 8 eight
 13) 46 forty-six 14) 24 twenty-four
 15) 6 six 16) 31 thirty-one
 17) 30 thirty 18) 20 twenty
 19) 36 thirty-six 20) 12 twelve

Challenge: Count forwards.

21) Count by 2 from 15 to 33

15	17	19	21	23	25	27	29	31	33
----	----	----	----	----	----	----	----	----	----

Challenge: Count backwards.

22) Count by 2 from 34 to 16

34	32	30	28	26	24	22	20	18	16
----	----	----	----	----	----	----	----	----	----

Number Patterns, </> /= , Rounding and Factors PRETEST 7

Find the answer by working out the pattern.

1. 91, 82, 73, 64, 55, 46, 37, 28, 19 (-9) 2. 10, 16, 22, 28, 34, 40, 46, 52, 58 (+6)
 3. 51, 54, 57, 60, 63, 66, 69, 72, 75 (+3) 4. 12, 20, 28, 36, 44, 52, 60, 68, 76 (+8)
 5. 78, 69, 60, 51, 42, 33, 24, 15, 6 (-9) 6. 66, 63, 60, 57, 54, 51, 48, 45, 42 (-3)
 7. 15, 19, 23, 27, 31, 35, 39, 43, 47 (+4) 8. 90, 84, 78, 72, 66, 60, 54, 48, 42 (-6)
 9. 22, 24, 26, 28, 30, 32, 34, 36, 38 (+2) 10. 45, 42, 39, 36, 33, 30, 27, 24, 21 (-3)

Compare the numbers. Write < (less than), > (greater than) or Equal (=).

11. 7 < 15 12. 6 < 16 13. 8 > 2 14. 14 > 12 15. 5 < 19
 16. 16 > 1 17. 16 > 12 18. 6 < 20 19. 10 > 4 20. 16 < 20

Round off to the NEAREST 10.

21. 92 = 90 22. 29 = 30
 23. 48 = 50 24. 88 = 90
 25. 98 = 100 26. 24 = 20
 27. 50 = 50 28. 14 = 10
 29. 51 = 50 30. 35 = 40

List the factors for each number.

31. 8 = 1, 2, 4, 8 32. 6 = 1, 2, 3, 6
 33. 18 = 1, 2, 3, 6, 9, 18 34. 15 = 1, 3, 5, 15
 35. 9 = 1, 3, 9 36. 7 = 1, 7
 37. 16 = 1, 2, 4, 8, 16 38. 3 = 1, 3
 39. 1 = 1 40. 4 = 1, 2, 4

Mixed Numeration Activities PRE-TEST 8

Challenge: Count forwards.

1. Count by 1 from 19 to 23

19	20	21	22	23
----	----	----	----	----

2. Count by 1 from 3 to 7

3	4	5	6	7
---	---	---	---	---

Challenge: Count backwards.

3. Count by 1 from 19 to 15

19	18	17	16	15
----	----	----	----	----

4. Count by 1 from 11 to 7

11	10	9	8	7
----	----	---	---	---

Fill in the number that comes next.

5. 12 13 6. 5 6 7. 9 10 8. 19 20 9. 0 1

Order the numbers from lowest to highest.

10. 15 12 11. 0 0 12. 16 5 13. 3 2 14. 17 1
 12 15 6 4 11 11 6 3 1 11
 20 20 4 6 5 16 2 6 11 17

Write the number for each word.

15. 13 thirteen 16. 9 nine
 17. 16 sixteen 18. 7 seven
 19. 5 five 20. 3 three

Write the word for each number.

21. 2 two 22. 17 seventeen
 23. 13 thirteen 24. 4 four
 25. 11 eleven 26. 10 ten

Challenge: Find the magic number.

27.

10	5	12
11	9	7
6	13	8

Magic Number: 27

28.

7	0	5
2	4	6
3	8	1

Magic Number: 12

Super Challenge: Find the secret trail.

29.

1	5	1
1	1	5
5	4	2

+ 9

30.

1	5	1
3	3	2
5	5	2

+ 20

Mixed Numeration Activities

PRE-TEST 9

Challenge: Count forwards.

1. Count by 10 from 30 to 70

30	40	50	60	70
----	----	----	----	----

2. Count by 10 from 4 to 44

4	14	24	34	44
---	----	----	----	----

Challenge: Count backwards.

3. Count by 10 from 95 to 55

95	85	75	65	55
----	----	----	----	----

4. Count by 10 from 56 to 16

56	46	36	26	16
----	----	----	----	----

Fill in the number that comes before, after or between the given number(s).

5. 43 44 6. 2 3 7. 27 28 8. 48 49 9. 21 22

Order the numbers from lowest to highest.

10. 42 3 11. 34 2 12. 37 0 13. 5 2 14. 7 7
 44 9 2 5 5 5 2 5 50 19
 3 42 5 20 32 32 6 6 19 44
 9 44 20 34 0 37 7 7 44 50

Write the number for each word.

Write the word for each number.

15. 32 thirty-two 16. 48 forty-eight 21. 24 twenty-four 22. 14 fourteen
 17. 10 ten 18. 20 twenty 23. 31 thirty-one 24. 19 nineteen
 19. 34 thirty-four 20. 23 twenty-three 25. 35 thirty-five 26. 32 thirty-two

Challenge: Find the magic number.

Super Challenge: Find the secret trail.

27.

7	6	11
12	8	4
5	10	9

 Magic Number: 24

28.

9	2	7
4	6	8
5	10	3

 Magic Number: 18

29.

1	4	7
4	6	4
2	4	1

 +

21

30.

5	1	4
4	7	4
5	6	6

 +

29

Counting Practice and Before / After / Between

POST-TEST 1

Complete the counting tables.

1. Count by 2 from 4 to 14

4	6	8	10	12	14
---	---	---	----	----	----

2. Count by 2 from 9 to 19

9	11	13	15	17	19
---	----	----	----	----	----

3. Count by 1 from 8 to 13

8	9	10	11	12	13
---	---	----	----	----	----

4. Count by 2 from 2 to 12

2	4	6	8	10	12
---	---	---	---	----	----

5. Count by 1 from 6 to 11

6	7	8	9	10	11
---	---	---	---	----	----

6. Count by 1 from 2 to 7

2	3	4	5	6	7
---	---	---	---	---	---

7. Count by 1 from 4 to 9

4	5	6	7	8	9
---	---	---	---	---	---

8. Count by 2 from 6 to 16

6	8	10	12	14	16
---	---	----	----	----	----

9. Count by 1 from 9 to 14

9	10	11	12	13	14
---	----	----	----	----	----

10. Count by 2 from 1 to 11

1	3	5	7	9	11
---	---	---	---	---	----

Fill in the number that comes next.

11. 18 19 12. 9 10 13. 19 20 14. 7 8 15. 10 11
 16. 14 15 17. 8 9 18. 15 16 19. 17 18 20. 1 2
 21. 11 12 22. 5 6 23. 3 4 24. 12 13 25. 16 17
 26. 4 5 27. 6 7 28. 2 3 29. 13 14 30. 0 1

Challenge:

31. Count by 2 from 5 to 31

5	7	9	11	13	15	17	19	21	23	25	27	29	31
---	---	---	----	----	----	----	----	----	----	----	----	----	----

Counting Practice and Before / After / Between

POST-TEST 2

Complete the counting tables.

1. Count by 1 from 54 to 59

54	55	56	57	58	59
----	----	----	----	----	----

2. Count by 1 from 27 to 32

27	28	29	30	31	32
----	----	----	----	----	----

3. Count by 1 from 40 to 45

40	41	42	43	44	45
----	----	----	----	----	----

4. Count by 1 from 89 to 94

89	90	91	92	93	94
----	----	----	----	----	----

5. Count by 1 from 51 to 56

51	52	53	54	55	56
----	----	----	----	----	----

6. Count by 2 from 27 to 37

27	29	31	33	35	37
----	----	----	----	----	----

7. Count by 1 from 86 to 91

86	87	88	89	90	91
----	----	----	----	----	----

8. Count by 2 from 65 to 75

65	67	69	71	73	75
----	----	----	----	----	----

9. Count by 1 from 75 to 80

75	76	77	78	79	80
----	----	----	----	----	----

10. Count by 1 from 29 to 34

29	30	31	32	33	34
----	----	----	----	----	----

Fill in the number that comes before, after or between the number(s) given.

11. 13 14 12. 6 7 13. 6 7 14. 22 23 24 15. 47 48
 16. 12 13 14 17. 47 48 49 18. 6 7 8 19. 9 10 20. 5 6 7
 21. 33 34 22. 19 20 23. 23 24 24. 8 9 25. 33 34
 26. 20 21 22 27. 22 23 28. 30 31 32 29. 10 11 30. 17 18 19

Challenge: Find the numbers before and after the given number.

31. 43 44 45 32. 73 74 75 33. 96 97 98 34. 49 50 51 35. 39 40 41

Place Value and Ordering Numbers

POST-TEST 03

Write the place value of the underlined digit. (Write either ones (Units), or tens)

1. 5 = 5 ones 2. 4 = 4 ones 3. 16 = 6 ones
 4. 49 = 4 tens 5. 9 = 9 ones 6. 97 = 7 ones
 7. 59 = 5 tens 8. 96 = 9 tens 9. 7 = 7 ones
 10. 6 = 6 ones 11. 20 = 0 ones 12. 2 = 2 ones
 13. 58 = 5 tens 14. 21 = 2 tens 15. 3 = 3 ones

Order the numbers from lowest to highest.

16. 2 0 17. 4 3 18. 2 1 19. 1 1 20. 2 2
 0 2 10 4 1 2 7 6 3 3
 10 10 3 10 10 10 6 7 4 4
 21. 3 2 22. 4 2 23. 8 5 24. 10 1 25. 1 1
 2 3 7 4 5 6 1 4 5 2
 4 4 2 7 6 8 4 10 2 5
 26. 9 2 27. 9 4 28. 7 5 29. 2 2 30. 5 0
 2 6 4 7 8 7 7 4 3 3
 6 9 7 9 5 8 4 7 0 5

Challenge: Find the magic number.

31.

2	9	4
7	5	3
6	1	8

 Magic Number: 15

32.

6	11	4
5	7	9
10	3	8

 Magic Number: 21

33.

9	4	5
2	6	10
7	8	3

 Magic Number: 18

Place Value and Ordering Numbers POST-TEST 04

Write the place value of the underlined digit. (Write either ones (Units), tens or hundreds)

1. 64 = **4 ones**
2. 33 = **3 tens**
3. 952 = **9 hundreds**
4. 217 = **1 ten**
5. 486 = **6 ones**
6. 887 = **8 hundreds**
7. 912 = **1 ten**
8. 873 = **3 ones**
9. 36 = **6 ones**
10. 17 = **1 ten**
11. 27 = **2 tens**
12. 20 = **2 tens**
13. 90 = **9 tens**
14. 973 = **3 ones**
15. 80 = **0 ones**

Order the numbers from lowest to highest.

16. 9 5 17. 12 2 18. 13 13 19. 15 15 20. 41 19
47 9 34 12 47 16 22 22 49 41
5 47 2 34 16 47 27 27 19 49
21. 24 4 22. 50 5 23. 34 12 24. 17 13 25. 33 33
4 24 44 44 12 24 41 17 37 36
26 26 5 50 24 34 13 41 36 37
26. 49 8 27. 9 1 28. 35 4 29. 27 27 30. 49 11
8 34 1 9 49 35 41 28 36 36
34 49 11 11 4 49 28 41 11 49

Challenge: Find the magic number.

31.

9	14	7
8	10	12
13	6	11

 Magic Number: **30**
32.

12	5	10
7	9	11
8	13	6

 Magic Number: **27**
33.

9	10	5
4	8	12
11	6	7

 Magic Number: **24**

Numbers, Words and Counting POST-TEST 5

Write the word(s) for each number.

- 1) 4 **four**
- 2) 5 **five**
- 3) 7 **seven**
- 4) 10 **ten**
- 5) 1 **one**
- 6) 8 **eight**
- 7) 2 **two**
- 8) 9 **nine**
- 9) 3 **three**
- 10) 6 **six**

Write the number for each word.

- 11) 8 **eight**
- 12) 3 **three**
- 13) 6 **six**
- 14) 5 **five**
- 15) 4 **four**
- 16) 2 **two**
- 17) 9 **nine**
- 18) 1 **one**
- 19) 10 **ten**
- 20) 7 **seven**

Challenge: Count forwards.

21) Count by 1 from 1 to 10

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

Challenge: Count backwards.

22) Count by 1 from 10 to 1

10	9	8	7	6	5	4	3	2	1
----	---	---	---	---	---	---	---	---	---

Numbers, Words and Counting POST-TEST 6

Write the word(s) for each number.

- 1) 46 **forty-six**
- 2) 24 **twenty-four**
- 3) 11 **eleven**
- 4) 26 **twenty-six**
- 5) 10 **ten**
- 6) 5 **five**
- 7) 30 **thirty**
- 8) 31 **thirty-one**
- 9) 13 **thirteen**
- 10) 44 **forty-four**

Write the number for each word.

- 11) 26 **twenty-six**
- 12) 47 **forty-seven**
- 13) 13 **thirteen**
- 14) 11 **eleven**
- 15) 23 **twenty-three**
- 16) 37 **thirty-seven**
- 17) 8 **eight**
- 18) 2 **two**
- 19) 50 **fifty**
- 20) 30 **thirty**

Challenge: Count forwards.

21) Count by 2 from 18 to 36

18	20	22	24	26	28	30	32	34	36
----	----	----	----	----	----	----	----	----	----

Challenge: Count backwards.

22) Count by 2 from 24 to 6

24	22	20	18	16	14	12	10	8	6
----	----	----	----	----	----	----	----	---	---

Number Patterns, < / > / =, Rounding & Factors POSTTEST 7

Find the answer by working out the pattern.

1. 97, 88, 79, 70, 61, 52, 43, 34, 25 (- 9)
2. 82, 75, 68, 61, 54, 47, 40, 33, 26 (- 7)
3. 68, 72, 76, 80, 84, 88, 92, 96, 100 (+ 4)
4. 20, 28, 36, 44, 52, 60, 68, 76, 84 (+ 8)
5. 2, 8, 14, 20, 26, 32, 38, 44, 50 (+ 6)
6. 75, 72, 69, 66, 63, 60, 57, 54, 51 (- 3)
7. 32, 36, 40, 44, 48, 52, 56, 60, 64 (+ 4)
8. 96, 90, 84, 78, 72, 66, 60, 54, 48 (- 6)
9. 39, 42, 45, 48, 51, 54, 57, 60, 63 (+ 3)
10. 67, 71, 75, 79, 83, 87, 91, 95, 99 (+ 4)

Compare the numbers. Write < (less than), > (greater than) or Equal (=).

11. 7 < 19
12. 6 < 12
13. 14 > 5
14. 20 > 18
15. 14 < 16
16. 15 > 11
17. 10 < 12
18. 14 > 2
19. 8 > 4
20. 1 < 10

Round off to the NEAREST 10.

21. 91 = 90
22. 50 = 50
23. 94 = 90
24. 46 = 50
25. 90 = 90
26. 19 = 20
27. 80 = 80
28. 32 = 30
29. 75 = 80
30. 48 = 50

List the factors for each number.

31. 10 = 1, 2, 5, 10
32. 14 = 1, 2, 7, 14
33. 15 = 1, 3, 5, 15
34. 8 = 1, 2, 4, 8
35. 2 = 1, 2
36. 19 = 1, 19
37. 3 = 1, 3
38. 20 = 1, 2, 4, 5, 10, 20
39. 5 = 1, 5
40. 4 = 1, 2, 4

Mixed Numeration Activities

POST-TEST 8

Challenge: Count forwards.

1. Count by 1 from 1 to 5

1	2	3	4	5
---	---	---	---	---

2. Count by 2 from 19 to 27

19	21	23	25	27
----	----	----	----	----

Challenge: Count backwards.

3. Count by 1 from 10 to 6

10	9	8	7	6
----	---	---	---	---

4. Count by 2 from 20 to 12

20	18	16	14	12
----	----	----	----	----

Fill in the number that comes next.

5. 16 17 6. 6 7 7. 11 12 8. 7 8 9. 0 1

Order the numbers from lowest to highest.

10. 8 8 11. 6 6 12. 1 1 13. 13 0 14. 18 15
 19 18 14 11 4 4 0 4 15 18
 18 19 11 14 5 5 4 13 19 19

Write the number for each word.

15. 4 four 16. 15 fifteen 21. 15 fifteen 22. 5 five
 17. 9 nine 18. 7 seven 23. 12 twelve 24. 2 two
 19. 3 three 20. 13 thirteen 25. 18 eighteen 26. 3 three

Write the word for each number.

Challenge: Find the magic number.

27.

8	9	4
3	7	11
10	5	6

Magic Number: 21

28.

9	14	7
8	10	12
13	6	11

Magic Number: 30

Super Challenge: Find the secret trail.

29.

2	1	5
5	2	2
5	1	4

+ 21

30.

4	4	1
1	1	5
4	3	1

+ 16

Mixed Numeration Activities

POST-TEST 9

Challenge: Count forwards.

1. Count by 10 from 10 to 50

10	20	30	40	50
----	----	----	----	----

2. Count by 10 from 48 to 88

48	58	68	78	88
----	----	----	----	----

Challenge: Count backwards.

3. Count by 10 from 50 to 10

50	40	30	20	10
----	----	----	----	----

4. Count by 10 from 72 to 32

72	62	52	42	32
----	----	----	----	----

Fill in the number that comes before, after or between the given number(s).

5. 14 15 6. 2 3 7. 37 38 8. 13 14 9. 2 3

Order the numbers from lowest to highest.

10. 35 9 11. 6 4 12. 47 1 13. 6 4 14. 20 20
 12 10 50 6 9 9 4 6 31 21
 10 12 8 8 14 14 29 8 43 31
 9 35 4 50 1 47 8 29 21 43

Write the number for each word.

15. 4 four 16. 22 twenty-two 21. 26 twenty-six 22. 44 forty-four
 17. 19 nineteen 18. 7 seven 23. 15 fifteen 24. 25 twenty-five
 19. 32 thirty-two 20. 1 one 25. 21 twenty-one 26. 18 eighteen

Write the word for each number.

Challenge: Find the magic number.

27.

12	5	10
7	9	11
8	13	6

Magic Number: 27

28.

8	1	6
3	5	7
4	9	2

Magic Number: 15

Super Challenge: Find the secret trail.

29.

3	5	4
3	3	7
3	5	4

+ 16

30.

7	2	4
1	6	7
6	1	4

+ 31

Counting Practice and Before / After / Between 101

Complete the counting tables.

1. Count by 1 from 2 to 7

2	3	4	5	6	7
---	---	---	---	---	---

2. Count by 2 from 8 to 18

8	10	12	14	16	18
---	----	----	----	----	----

3. Count by 1 from 8 to 13

8	9	10	11	12	13
---	---	----	----	----	----

4. Count by 2 from 4 to 14

4	6	8	10	12	14
---	---	---	----	----	----

5. Count by 1 from 9 to 14

9	10	11	12	13	14
---	----	----	----	----	----

6. Count by 2 from 10 to 20

10	12	14	16	18	20
----	----	----	----	----	----

7. Count by 2 from 2 to 12

2	4	6	8	10	12
---	---	---	---	----	----

8. Count by 1 from 7 to 12

7	8	9	10	11	12
---	---	---	----	----	----

9. Count by 2 from 7 to 17

7	9	11	13	15	17
---	---	----	----	----	----

10. Count by 1 from 1 to 6

1	2	3	4	5	6
---	---	---	---	---	---

Fill in the number that comes next.

11. 9 10 12. 6 7 13. 17 18 14. 4 5 15. 18 19
 16. 5 6 17. 11 12 18. 1 2 19. 19 20 20. 15 16
 21. 16 17 22. 13 14 23. 0 1 24. 14 15 25. 8 9
 26. 12 13 27. 7 8 28. 2 3 29. 3 4 30. 10 11

Challenge:

31. Count by 1 from 3 to 16

3	4	5	6	7	8	9	10	11	12	13	14	15	16
---	---	---	---	---	---	---	----	----	----	----	----	----	----

Counting Practice and Before / After / Between 102

Complete the counting tables.

1. Count by 2 from 6 to 16

6	8	10	12	14	16
---	---	----	----	----	----

2. Count by 2 from 10 to 20

10	12	14	16	18	20
----	----	----	----	----	----

3. Count by 2 from 7 to 17

7	9	11	13	15	17
---	---	----	----	----	----

4. Count by 1 from 3 to 8

3	4	5	6	7	8
---	---	---	---	---	---

5. Count by 1 from 5 to 10

5	6	7	8	9	10
---	---	---	---	---	----

6. Count by 2 from 1 to 11

1	3	5	7	9	11
---	---	---	---	---	----

7. Count by 2 from 5 to 15

5	7	9	11	13	15
---	---	---	----	----	----

8. Count by 1 from 2 to 7

2	3	4	5	6	7
---	---	---	---	---	---

9. Count by 1 from 4 to 9

4	5	6	7	8	9
---	---	---	---	---	---

10. Count by 1 from 7 to 12

7	8	9	10	11	12
---	---	---	----	----	----

Fill in the number that comes next.

11. 10 11 12. 18 19 13. 15 16 14. 7 8 15. 2 3
 16. 6 7 17. 5 6 18. 3 4 19. 0 1 20. 11 12
 21. 8 9 22. 16 17 23. 17 18 24. 12 13 25. 19 20
 26. 4 5 27. 14 15 28. 1 2 29. 13 14 30. 9 10

Challenge:

31. Count by 2 from 6 to 32

6	8	10	12	14	16	18	20	22	24	26	28	30	32
---	---	----	----	----	----	----	----	----	----	----	----	----	----