MATHS WIZARD

Numeration 2

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TEACH YOUR CHILDREN WELL

Sample Booklet

NOTE: This is just a sample booklet. It ONLY CONTAINS A SMALL NUMBER OF PAGES from the COMPLETE BOOKLET.

This booklet is part of the

Series

Numeration 2

maths wizard

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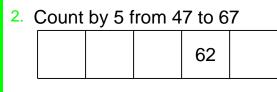|	
Numeration 1 – 5	Counting Order – Count by 5s or 10s up to 200. Write the number before and after the given number up to 200.
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Numeration 21 – 25	Place Value with 100s, 10s and 1s. Ordering 3 numbers up to 999. Multiples of numbers up to 8.
Numeration 26 – 30	Place Value with 100s, 10s and 1s. Ordering 4 numbers up to 999. Multiples of numbers up to 10.

Numeration 31 – 35	Place Value with 1000s, 100s, 10s and 1s. Ordering 4 numbers up to 9999. Common Multiples of numbers up to 10.
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Numeration 41 – 45	Writing numbers to match words or words to match numbers up to 200. Writing numbers in expanded form to 200.
Numeration 46 – 50	Writing numbers to match words or words to match numbers up to 999. Writing numbers in expanded form to 999.
Numeration 51 – 55	Writing numbers to match words or words to match numbers up to 9999. Writing numbers in expanded form to 9999.
Numeration 56 – 60	Writing numbers to match words or words to match numbers from 1000 to 9999. Writing numbers in expanded form from 1000 to 9999.

Numeration 61 – 65	Number Patterns – Rule: = Add 1 to 9 or Subtract 1 to 9. Less than / Greater than / Equal – numbers to 100 Factors of numbers to 30. Rounding Off to nearest 10 with numbers to 1000
Numeration 66 – 70	Number Patterns – Rule: = Add 1 to 9 or Subtract 1 to 9. PLUS more challenging Number Patterns. Less than / Greater than / Equal –to 1000 PRIME numbers to 40. Rounding Off to nearest 100 with numbers to 9999
Numeration 71 – 75	Mixed Numeration Activities Counting Forwards and backwards by 1s to 1000. Write number Before, After or Between 1 – 200 Order Numbers from 1 to 200. Write the number from words and words to numbers from 1 to 200. Magic Numbers – Increment by 1 – Range 5 – 10 Secret Trails – Range 1 to 10
Numeration 76 – 80	Counting Forwards and backwards by 10s - 1000. Other activities – Numbers from 1 to 999. Magic Numbers – Increment by 1 or 2 Range 5 to 12. Secret Trails – Range 1 to 15
Numeration 81 – 85	Counting Forwards and backwards by 2s to 1000. Other activities – Numbers from 1 to 1000. Magic Numbers – Increment by 1 or 2 – Range 5 to 15. Secret Trails – Range 2 to 20
Numeration 86 – 90	Counting Forwards and backwards by 5s to 1000. Other activities – Numbers from 1 to 9999. Magic Numbers – Increment by 1 or 2 – Range 5 to 15. Secret Trails – Range 2 to 20

Name: Date: Score:

Counting Practice and Before / After / Between   PRE1

Complete the counting tables.

1. Count by 5 from 159 to 179

159				

2. Count by 5 from 47 to 67

			62	

3. Count by 5 from 108 to 128

				128

4. Count by 5 from 12 to 32

	17			

5. Count by 5 from 16 to 36

		26		

Complete the counting tables.

6. Count by 10 from 136 to 176

136				

7. Count by 10 from 38 to 78

38				

8. Count by 10 from 92 to 132

	102			

9. Count by 10 from 8 to 48

				48

10. Count by 10 from 12 to 52

		32		

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

11. 9 ___

12. 40 ___ 42

13. 144 ___

14. 151 ___

15. __ 7

16. __ 8

17. 5 __ 7

18. 5 __

19. 44 ___

20. 76 ___

21. 151 ___ 153

22. 68 ___

23. ___ 45

24. 7 __ 9

25. ___ 41

26. 87 ___

Challenge:

27. Count by 10 from 170 to 260

Counting Practice and Before / After / Between PRE2

Complete the counting tables.

1. Count by 3 from 74 to 86

	77			

2. Count by 3 from 41 to 53

				53

3. Count by 3 from 4 to 16

		10		

4. Count by 3 from 66 to 78

			75	

5. Count by 3 from 2 to 14

			11	

Complete the counting tables.

6. Count by 4 from 45 to 61

		53		

7. Count by 4 from 72 to 88

	76			

8. Count by 4 from 2 to 18

	6			

9. Count by 4 from 65 to 81

65				

10. Count by 4 from 75 to 91

				91

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

11. ____ 732

12. 1,011 _____

13. 1,965 _____ 1,967

14. 892 ____ 894

15. ___ 63

16. ___ 68

17. 683 ____

18. 1,485 _____ 1,487

19. 689 ____

20. 50 ___

21. 973 ____ 975

22. ____ 653

23. 366 ____ 368

24. _____ 1,470

25. _____ 1,966

Challenge:

26. Count by 1 from 5593 to 5602

Place Value, Ordering Numbers & Multiples   PRE3

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

1. 5<u>4</u> = _____

2. <u>9</u>18 = _____

3. 8<u>5</u>9 = _____

4. 8<u>8</u> = _____

5. 1<u>4</u> = _____

6. <u>3</u> = _____

7. 9<u>7</u> = _____

8. <u>4</u>9 = _____

9. 4<u>1</u> = _____

10. <u>5</u> = _____

11. <u>8</u>9 = _____

12. 46<u>1</u> = _____

13. <u>6</u>03 = _____

14. 3<u>1</u> = _____

15. 2<u>2</u>2 = _____

Order the numbers from lowest to highest.

16. 845
756
61

17. 333
902
60

18. 845
678
458

19. 677
491
303

20. 546
531
837

21. 226
870
885

22. 755
362
84

23. 541
950
249

24. 552
738
664

25. 834
636
565

List the first 5 multiples for each number.

26. 5 = _____

27. 6 = _____

28. 1 = _____

29. 4 = _____

30. 3 = _____

31. 2 = _____

Challenge: Find the lowest common multiple.

32. 4 _____ ____
3 _____

33. 5 _____ ____
3 _____

34. 6 _____ ____
5 _____

35. 3 _____ ____
6 _____

Place Value, Ordering Numbers & Multiples   PRE4

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

1. 42<u>6</u> = _____

2. 98<u>4</u> = _____

3. 2,1<u>4</u>4 = _____

4. <u>5</u>,795 = _____

5. <u>2</u>25 = _____

6. 4,2<u>2</u>8 = _____

7. <u>9</u>67 = _____

8. 81<u>7</u> = _____

9. 1,9<u>8</u>5 = _____

10. 25<u>9</u> = _____

11. 5<u>8</u>3 = _____

12. 1,6<u>5</u>0 = _____

13. 1,4<u>2</u>9 = _____

14. 3<u>3</u>3 = _____

15. <u>9</u>,692 = _____

Order the numbers from lowest to highest.

16.	17.	18.	19.
7,592	3,056	7,497	2,659
572	7,470	4,957	7,789
5,898	5,402	5,295	8,487
4,949	3,196	4,238	4,515

20.	21.	22.	23.
6,184	6,084	5,443	5,949
4,407	144	9,996	3,813
4,646	7,701	3,675	1,864
6,910	4,692	3,971	1,975

Challenge: Find the magic number.

24.

12	10	
7	14	

Magic Number: _____

25.

8	9	4
	7	

Magic Number: _____

26.

5		3
9		7

Magic Number: _____

Challenge: Find the lowest common multiple.

27.   5 _____ ___
     7 _____

28.   4 _____ ___
     8 _____

Numbers, Words and Expanded Notation   PRETEST 5

Write the word(s) for each number.

1) **130** _____   2) **109** _____

3) **191** _____   4) **27** _____

5) **174** _____   6) **71** _____

7) **1** _____   8) **179** _____

9) **70** _____   10) **119** _____

Write the number for each word.

11) _____ sixty   12) _____ twenty-seven

13) _____ eleven   14) _____ fifty-two

15) _____ thirteen   16) _____ one hundred six

17) _____ one hundred seventeen   18) _____ one hundred twenty-four

19) _____ sixty-two   20) _____ one hundred seventy-six

Write each number in expanded form.
Say how many 100s, 10s and 1s.

21) 71 _____

22) 88 _____

23) 188 _____

24) 170 _____

25) 118 _____

26) 200 _____

Super Challenge: Find the secret trail.

27)
5	3	6
4	7	7
1	4	1

+ (21)

28)
2	4	2
2	3	1
5	6	2

+ (18)

29)
6	4	2
2	3	5
6	2	3

+ (22)

30)
6	2	4
2	3	7
3	3	3

+ (19)

Numbers, Words and Expanded Notation PRETEST6

Write the word(s) for each number.

1) **1,397** _____

2) **6,422** _____

3) **8,851** _____

4) **1,098** _____

5) **3,291** _____

Write the number for each word.

6) _____ seven thousand three hundred forty

7) _____ three thousand six hundred fourteen

8) _____ four thousand six hundred eighty-one

9) _____ nine thousand three hundred thirteen

10) _____ six thousand one hundred twelve

Write each number in expanded form.
Say how many 1000s, 100s, 10s and 1s.

11) 8,572 _____

12) 972 _____

13) 9,591 _____

14) 8,276 _____

15) 7,085 _____

16) 3,451 _____

Super Challenge:

17)

10	4	4
8	8	7
(7)	1	3
	+	(11)

18)

5	2	3
9	2	3
(5)	1	3
	+	(9)

Number Patterns, <, >, =, Rounding Off, Factors   PRE 7

Find the answer by working out the pattern.

1. 51, 46, 41, 36, 31, 26, 21, _____
2. 96, 90, 84, 78, 72, 66, 60, _____
3. 16, 22, 28, 34, 40, 46, 52, _____
4. 66, 70, 74, 78, 82, 86, 90, _____
5. 19, 28, 37, 46, 55, 64, 73, _____
6. 83, 77, 71, 65, 59, 53, 47, _____
7. 74, 70, 66, 62, 58, 54, 50, _____
8. 30, 35, 40, 45, 50, 55, 60, _____
9. 37, 40, 43, 46, 49, 52, 55, _____
10. 54, 50, 46, 42, 38, 34, 30, _____

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

11. 2 __ 7   12. 43 __ 70   13. 7 __ 55   14. 1 __ 54   15. 50 __ 13

16. 86 __ 1   17. 4 __ 2   18. 23 __ 64   19. 100 __ 40   20. 8 __ 9

Round off the number to the NEAREST 10.   List the factors for each number.

21. 7<u>0</u>9 = _____   22. 12<u>2</u> = _____

31. 3 = _____

32. 2 = _____

23. 3<u>55</u> = _____   24. 8<u>2</u>9 = _____

33. 11 = _____

34. 26 = _____

25. 2<u>9</u>1 = _____   26. 6<u>2</u>9 = _____

35. 5 = _____

27. 4<u>9</u>0 = _____   28. 9<u>1</u>3 = _____

36. 24 = _____

37. 4 = _____

29. 5<u>4</u>9 = _____   30. 4<u>0</u>2 = _____

38. 21 = _____

39. 9 = _____

40. 16 = _____

Mixed Numeration Activities   PRE-TEST 8

Challenge: Count forwards.

1. Count by 1 from 523 to 532

			526						

Challenge: Count backwards.

2. Count by 1 from 527 to 518

				523					

Fill in the number that comes before and after the one provided.

3. ____ 153 ____   4. __ 5 __   5. __ 6 __   6. ___ 58 ___

7. ___ 11 ___   8. ___ 70 ___   9. ___ 22 ___   10. __ 2 __

Order the numbers from lowest to highest.

11. 9	12. 70	13. 70	14. 81	15. 6
136	146	9	17	31
8	30	3	194	90
112	18	26	1	29

Write the number for each word.   **Write the word for each number.**

16. ___ eighty-two   19. 178 _____

17. ___ ninety   20. 177 _____

18. ___ thirty-three   21. 135 _____

Challenge: Find the magic number.   **Super Challenge: Find the secret trail.**

22.
9	8	
		6
		11

Magic Number: _____

23.
9		
		6
7	8	

Magic Number: _____

24.
10	3	1
7	10	1
(2)	9	1

+ (42)

25.
2	3	8
(7)	3	3
7	4	4

+ (28)

Mixed Numeration Activities   PRE-TEST 9

Challenge: Count forwards.

1. Count by 5 from 888 to 908

2. Count by 5 from 750 to 770

Challenge: Count backwards.

3. Count by 5 from 891 to 871

4. Count by 5 from 760 to 740

Fill in the number that comes before and after the given number(s).

5. _____ 8,611 _____

6. ____ 361 ____

7. _____ 4,744 _____

8. _____ 1,207 _____

9. ____ 771 ____

10. ____ 369 ____

Order the numbers from lowest to highest.

11. 5,051	12. 6,008	13. 9,537	14. 7,311
9,425	9,273	8,739	8,808
6,590	3,709	1,480	1,693
5,898	7,094	9,990	9,476
3,575	8,678	8,348	6,108

Write the number for each word.

15. _____ five thousand nine hundred forty-five

16. _____ two thousand nine hundred seventy-nine

17. _____ one hundred ninety-four

18. _____ eight thousand five hundred six

Write in expanded form. eg. 56 = 50 + 6

19. 4,055 _____

20. 2,371 _____

21. 7,286 _____

22. 1,037 _____

Challenge: Find the magic number.

23.

20		
	26	
28	18	32

Magic Number:

24.

14	28	18
	20	16

Magic Number:

Super Challenge: Find the secret trail.

25.

6	19	18
(16)	19	11
20	19	19

+ (102)

26.

(5)	14	10
15	11	12
12	3	18

+ (73)

Counting Practice and Before / After / Between PRE1

Complete the counting tables.

1. Count by 5 from 159 to 179

159	164	169	174	179

2. Count by 5 from 47 to 67

47	52	57	62	67

3. Count by 5 from 108 to 128

108	113	118	123	128

4. Count by 5 from 12 to 32

12	17	22	27	32

5. Count by 5 from 16 to 36

16	21	26	31	36

Complete the counting tables.

6. Count by 10 from 136 to 176

136	146	156	166	176

7. Count by 10 from 38 to 78

38	48	58	68	78

8. Count by 10 from 92 to 132

92	102	112	122	132

9. Count by 10 from 8 to 48

8	18	28	38	48

10. Count by 10 from 12 to 52

12	22	32	42	52

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

11. 9 **10**
12. 40 **41** 42
13. 144 **145**
14. 151 **152**
15. **6** 7
16. **7** 8
17. 5 **6** 7
18. 5 **6**
19. 44 **45**
20. 76 **77**
21. 151 **152** 153
22. 68 **69**
23. **44** 45
24. 7 **8** 9
25. **40** 41
26. 87 **88**

Challenge:

27. Count by 10 from 170 to 260

170	180	190	200	210	220	230	240	250	260

Counting Practice and Before / After / Between PRE2

Complete the counting tables.

1. Count by 3 from 74 to 86

74	77	80	83	86

2. Count by 3 from 41 to 53

41	44	47	50	53

3. Count by 3 from 4 to 16

4	7	10	13	16

4. Count by 3 from 66 to 78

66	69	72	75	78

5. Count by 3 from 2 to 14

2	5	8	11	14

Complete the counting tables.

6. Count by 4 from 45 to 61

45	49	53	57	61

7. Count by 4 from 72 to 88

72	76	80	84	88

8. Count by 4 from 2 to 18

2	6	10	14	18

9. Count by 4 from 65 to 81

65	69	73	77	81

10. Count by 4 from 75 to 91

75	79	83	87	91

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

11. **731** 732
12. 1,011 **1,012**
13. 1,965 **1,966** 1,967
14. 892 **893** 894
15. **62** 63
16. **67** 68
17. 683 **684**
18. 1,485 **1,486** 1,487
19. 689 **690**
20. 50 **51**
21. 973 **974** 975
22. **652** 653
23. 366 **367** 368
24. **1,469** 1,470
25. **1,965** 1,966

Challenge:

26. Count by 1 from 5593 to 5602

5,593	5,594	5,595	5,596	5,597	5,598	5,599	5,600	5,601	5,602

Place Value, Ordering Numbers & Multiples   PRE3

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

1. 5**4** = **4 ones**
2. 9**1**8 = **9 hundreds**
3. 8**5**9 = **5 tens**
4. 8**8** = **8 ones**
5. 1**4** = **4 ones**
6. **3** = **3 ones**
7. 9**7** = **7 ones**
8. **4**9 = **4 tens**
9. 4**1** = **1 one**
10. **5** = **5 ones**
11. **8**9 = **8 tens**
12. 46**1** = **1 one**
13. **6**03 = **6 hundreds**
14. 3**1** = **1 one**
15. 2**2**2 = **2 tens**

Order the numbers from lowest to highest.

16.	845 **61**	17.	333 **60**	18.	845 **458**	19.	677 **303**	20.	546 **531**
	756 **756**		902 **333**		678 **678**		491 **491**		531 **546**
	61 **845**		60 **902**		458 **845**		303 **677**		837 **837**

21.	226 **226**	22.	755 **84**	23.	541 **249**	24.	552 **552**	25.	834 **565**
	870 **870**		362 **362**		950 **541**		738 **664**		636 **636**
	885 **885**		84 **755**		249 **950**		664 **738**		565 **834**

List the first 5 multiples for each number.

26. 5 = **5, 10, 15, 20, 25**
27. 6 = **6, 12, 18, 24, 30**
28. 1 = **1, 2, 3, 4, 5**
29. 4 = **4, 8, 12, 16, 20**
30. 3 = **3, 6, 9, 12, 15**
31. 2 = **2, 4, 6, 8, 10**

Challenge: Find the lowest common multiple.

32. 4 **4, 8, 12**   **12**
    3 **3, 6, 9, 12**
33. 5 **5, 10, 15**   **15**
    3 **3, 6, 9, 12, 15**
34. 6 **6, 12, 18, 24, 30**   **30**
    5 **5, 10, 15, 20, 25, 30**
35. 3 **3, 6**   **6**
    6 **6**

Place Value, Ordering Numbers & Multiples   PRE4

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

1. 42**6** = **6 ones**
2. 9**8**4 = **4 ones**
3. 2,1**4**4 = **4 tens**
4. **5**,795 = **5 thousands**
5. 2**2**5 = **2 hundreds**
6. 4,2**2**8 = **2 tens**
7. **9**67 = **9 hundreds**
8. 81**7** = **7 ones**
9. 1,9**8**5 = **8 tens**
10. 25**9** = **9 ones**
11. 5**8**3 = **8 tens**
12. 1,6**5**0 = **5 tens**
13. 1,4**2**9 = **2 tens**
14. 3**3**3 = **3 tens**
15. **9**,692 = **9 thousands**

Order the numbers from lowest to highest.

16.	7,592 **572**	17.	3,056 **3,056**	18.	7,497 **4,238**	19.	2,659 **2,659**
	572 **4,949**		7,470 **3,196**		4,957 **4,957**		7,789 **4,515**
	5,898 **5,898**		5,402 **5,402**		5,295 **5,295**		8,487 **7,789**
	4,949 **7,592**		3,196 **7,470**		4,238 **7,497**		4,515 **8,487**

20.	6,184 **4,407**	21.	6,084 **144**	22.	5,443 **3,675**	23.	5,949 **1,864**
	4,407 **4,646**		144 **4,692**		9,996 **3,971**		3,813 **1,975**
	4,646 **6,184**		7,701 **6,084**		3,675 **5,443**		1,864 **3,813**
	6,910 **6,910**		4,692 **7,701**		3,971 **9,996**		1,975 **5,949**

Challenge: Find the magic number.

24.

11	6	13
12	10	8
7	14	9

Magic Number: **30**

25.

8	9	4
3	7	11
10	5	6

Magic Number: **21**

26.

5	10	3
4	6	8
9	2	7

Magic Number: **18**

Challenge: Find the lowest common multiple.

27. 5 **5, 10, 15, 20, 25, 30, 35**   **35**
    7 **7, 14, 21, 28, 35**
28. 4 **4, 8**   **8**
    8 **8**

Numbers, Words and Expanded Notation   PRETEST 5

Write the word(s) for each number.

1) **130** one hundred thirty
2) **109** one hundred nine
3) **191** one hundred ninety-one
4) **27** twenty-seven
5) **174** one hundred seventy-four
6) **71** seventy-one
7) **1** one
8) **179** one hundred seventy-nine
9) **70** seventy
10) **119** one hundred nineteen

Write the number for each word.

11) **60** sixty
12) **27** twenty-seven
13) **11** eleven
14) **52** fifty-two
15) **13** thirteen
16) **106** one hundred six
17) **117** one hundred seventeen
18) **124** one hundred twenty-four
19) **62** sixty-two
20) **176** one hundred seventy-six

Write each number in expanded form.
Say how many 100s, 10s and 1s.

21) 71 7 tens + 1 one
22) 88 8 tens + 8 ones
23) 188 1 hundred + 8 tens + 8 ones
24) 170 1 hundred + 7 tens
25) 118 1 hundred + 1 ten + 8 ones
26) 200 2 hundreds

Super Challenge: Find the secret trail.

27)
5	3	6
4	7	7
1	4	1

+ (21)

28)
2	4	2
2	3	1
5	6	2

+ (18)

29)
6	4	2
2	3	5
6	2	3

+ (22)

30)
6	2	4
2	3	7
3	3	3

+ (19)

Numbers, Words and Expanded Notation PRETEST6

Write the word(s) for each number.

1) **1,397** one thousand three hundred ninety-seven
2) **6,422** six thousand four hundred twenty-two
3) **8,851** eight thousand eight hundred fifty-one
4) **1,098** one thousand ninety-eight
5) **3,291** three thousand two hundred ninety-one

Write the number for each word.

6) **7,340** seven thousand three hundred forty
7) **3,614** three thousand six hundred fourteen
8) **4,681** four thousand six hundred eighty-one
9) **9,313** nine thousand three hundred thirteen
10) **6,112** six thousand one hundred twelve

Write each number in expanded form.
Say how many 1000s, 100s, 10s and 1s.

11) 8,572 8 thousands + 5 hundreds + 7 tens + 2 ones
12) 972 9 hundreds + 7 tens + 2 ones
13) 9,591 9 thousands + 5 hundreds + 9 tens + 1 one
14) 8,276 8 thousands + 2 hundreds + 7 tens + 6 ones
15) 7,085 7 thousands + 8 tens + 5 ones
16) 3,451 3 thousands + 4 hundreds + 5 tens + 1 one

Super Challenge:

17)
10	4	4
8	8	7
7	1	3

+ (11)

18)
5	2	3
9	2	3
5	1	3

+ (9)

Number Patterns, <, >, =, Rounding Off, Factors   PRE 7

Find the answer by working out the pattern.

1. 51, 46, 41, 36, 31, 26, 21, 16, 11 (- 5)
2. 96, 90, 84, 78, 72, 66, 60, 54, 48 (- 6)
3. 16, 22, 28, 34, 40, 46, 52, 58, 64 (+ 6)
4. 66, 70, 74, 78, 82, 86, 90, 94, 98 (+ 4)
5. 19, 28, 37, 46, 55, 64, 73, 82, 91 (+ 9)
6. 83, 77, 71, 65, 59, 53, 47, 41, 35 (- 6)
7. 74, 70, 66, 62, 58, 54, 50, 46, 42 (- 4)
8. 30, 35, 40, 45, 50, 55, 60, 65, 70 (+ 5)
9. 37, 40, 43, 46, 49, 52, 55, 58, 61 (+ 3)
10. 54, 50, 46, 42, 38, 34, 30, 26, 22 (- 4)

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

11. 2 < 7
12. 43 < 70
13. 7 < 55
14. 1 < 54
15. 50 > 13
16. 86 > 1
17. 4 > 2
18. 23 < 64
19. 100 > 40
20. 8 < 9

Round off the number to the NEAREST 10.

21. 709 = 710
22. 122 = 120
23. 355 = 360
24. 829 = 830
25. 291 = 290
26. 629 = 630
27. 490 = 490
28. 913 = 910
29. 549 = 550
30. 402 = 400

List the factors for each number.

31. 3 = 1, 3
32. 2 = 1, 2
33. 11 = 1, 11
34. 26 = 1, 2, 13, 26
35. 5 = 1, 5
36. 24 = 1, 2, 3, 4, 6, 8, 12, 24
37. 4 = 1, 2, 4
38. 21 = 1, 3, 7, 21
39. 9 = 1, 3, 9
40. 16 = 1, 2, 4, 8, 16

Mixed Numeration Activities   PRE-TEST 8

Challenge: Count forwards.

1. Count by 1 from 523 to 532

523	524	525	526	527	528	529	530	531	532

Challenge: Count backwards.

2. Count by 1 from 527 to 518

527	526	525	524	523	522	521	520	519	518

Fill in the number that comes before and after the one provided.

3. 152 153 154
4. 4 5 6
5. 5 6 7
6. 57 58 59
7. 10 11 12
8. 69 70 71
9. 21 22 23
10. 1 2 3

Order the numbers from lowest to highest.

11. 9, 136, 8, 112 → 8, 9, 112, 136
12. 70, 146, 30, 18 → 18, 30, 70, 146
13. 70, 9, 3, 26 → 3, 9, 26, 70
14. 81, 17, 194, 1 → 1, 17, 81, 194
15. 6, 31, 90, 29 → 6, 29, 31, 90

Write the number for each word.

16. 82 eighty-two
17. 90 ninety
18. 33 thirty-three

Write the word for each number.

19. 178 one hundred seventy-eight
20. 177 one hundred seventy-seven
21. 135 one hundred thirty-five

Challenge: Find the magic number.

22.
9	8	13
14	10	6
7	12	11

Magic Number: 30

23.
9	4	5
2	6	10
7	8	3

Magic Number: 18

Super Challenge: Find the secret trail.

24.
10	3	1
7	10	1
2	9	1

+ (42)

25.
2	3	8
7	3	3
7	4	4

+ (28)