

Understanding Numbers (500-999)

Grade 2

Name: _____ Date: _____

Section A: Place Value and Face Value

1. Write the place value of the underlined digit:

a) 785 = _____ b) 642 = _____ c) 913 = _____ d) 509 = _____ e) 999 = _____

2. Write the face value of the underlined digit:

a) 857 = _____ b) 719 = _____ c) 642 = _____ d) 508 = _____ e) 936 = _____

3. Fill in the blanks:

a) In 763, the digit in the tens place is _____

b) In 592, the digit 5 is in the _____ place

c) In 888, the place value of 8 in the ones place is _____

d) In 650, the digit with the greatest place value is _____

e) In 907, the digit in the hundreds place has a place value of _____

Section B: Expanded Form

4. Write the following numbers in expanded form:

a) 687 = _____ + _____ + _____

b) 945 = _____ + _____ + _____

c) 502 = _____ + _____ + _____

d) 830 = _____ + _____ + _____

e) 799 = _____ + _____ + _____

5. Write the number for the expanded form:

a) $500 + 60 + 8 =$ _____

b) $700 + 90 + 4 =$ _____

c) $900 + 0 + 5 = \underline{\hspace{2cm}}$

d) $600 + 40 + 0 = \underline{\hspace{2cm}}$

e) $800 + 20 + 3 = \underline{\hspace{2cm}}$

6. Write in expanded form using words:

a) $652 = \underline{\hspace{1cm}}$ hundreds + $\underline{\hspace{1cm}}$ tens + $\underline{\hspace{1cm}}$ ones

b) $708 = \underline{\hspace{1cm}}$ hundreds + $\underline{\hspace{1cm}}$ tens + $\underline{\hspace{1cm}}$ ones

c) $990 = \underline{\hspace{1cm}}$ hundreds + $\underline{\hspace{1cm}}$ tens + $\underline{\hspace{1cm}}$ ones

d) $501 = \underline{\hspace{1cm}}$ hundreds + $\underline{\hspace{1cm}}$ tens + $\underline{\hspace{1cm}}$ ones

e) $867 = \underline{\hspace{1cm}}$ hundreds + $\underline{\hspace{1cm}}$ tens + $\underline{\hspace{1cm}}$ ones

Section C: Reading Numbers on Abacus

7. Write the number shown on each abacus:

a)

Hundreds	Tens	Ones
●●●●●●●●	●●●●	●●●●●●●●

=

b)

Hundreds	Tens	Ones
●●●●●●●●	●	●●●

=

c)

Hundreds	Tens	Ones
●●●●●	●●●●●●●●●●	

=

d)

Hundreds	Tens	Ones
●●●●●●	●●●●●●●●	●●

= _____

e)

Hundreds	Tens	Ones
●●●●●●●●●●	●●●●●●●●	●●●●●●●●●●

= _____

8. Draw beads on the abacus for these numbers:

a) 756

Hundreds	Tens	Ones

b) 903

Hundreds	Tens	Ones

Section D: Before, After, and Between

9. Write the number that comes just before:

a) _____, 601

b) _____, 780 c

) _____, 550 d

) _____, 900

e) _____, 666

f) _____, 510

g) _____, 799

h) _____, 630

i) _____, 701

j) _____, 990

10. Write the number that comes just after:

a) 589, _____

b) 729, _____

c) 649, _____

d) 998, _____

e) 809, _____

f) 699, _____

g) 579, _____

h) 899, _____

i) 599, _____

j) 949, _____

PracticeNLearn.com

11. Write the number that comes between:

a) 675, _____, 677

b) 808, _____, 810

c) 549, _____, 551

d) 999, _____, 1001

e) 719, _____, 721

Section E: Skip Counting

12. Skip count by 2s:

- a) 502, 504, _____, _____, 510
- b) 756, 758, _____, _____, 764
- c) 891, 893, _____, _____, 899

13. Skip count by 5s:

- a) 505, 510, _____, _____, 525
- b) 680, 685, _____, _____, 700
- c) 875, 880, _____, _____, 895

14. Skip count by 10s:

- a) 620, 630, _____, _____, 660
- b) 745, 755, _____, _____, 785
- c) 890, 900, _____, _____, 930

15. Skip count backward by 5s:

- a) 725, 720, _____, _____, 705
- b) 560, 555, _____, _____, 540

16. Skip count backward by 10s:

- a) 850, 840, _____, _____, 810
- b) 990, 980, _____, _____, 950

Section F: Number Patterns

17. Find the pattern and fill in the missing numbers:

- a) 501, 503, 505, _____, _____, 511
- b) 650, 660, 670, _____, _____, 700
- c) 920, 915, 910, _____, _____, 895
- d) 555, 565, 575, _____, _____, 605
- e) 800, 750, 700, _____, _____, 550

18. What is the pattern rule?

- a) 602, 612, 622, 632, 642 → Pattern: _____
- b) 899, 889, 879, 869, 859 → Pattern: _____
- c) 525, 550, 575, 600, 625 → Pattern: _____
- d) 777, 767, 757, 747, 737 → Pattern: _____
- e) 501, 601, 701, 801, 901 → Pattern: _____

Section G: Mental Math Exercises

19. Add mentally:

- a) $500 + 200 =$ _____
- b) $650 + 100 =$ _____
- c) $789 + 10 =$ _____
- d) $555 + 5 =$ _____
- e) $900 + 99 =$ _____

20. Subtract mentally:

- a) $700 - 100 =$ _____
- b) $850 - 50 =$ _____
- c) $999 - 9 =$ _____

d) $620 - 20 = \underline{\hspace{2cm}}$

e) $777 - 77 = \underline{\hspace{2cm}}$

21. Solve these:

a) $500 + 300 + 50 = \underline{\hspace{2cm}}$

b) $900 - 200 - 50 = \underline{\hspace{2cm}}$

c) $600 + 150 + 25 = \underline{\hspace{2cm}}$

d) $800 - 100 + 50 = \underline{\hspace{2cm}}$

e) $750 - 250 + 100 = \underline{\hspace{2cm}}$

Section H: Comparing Numbers

22. Write $>$, $<$, or $=$ in the space provided:

a) $687 \underline{\hspace{1cm}} 678$

b) $905 \underline{\hspace{1cm}} 950$

c) $777 \underline{\hspace{1cm}} 777$

d) $819 \underline{\hspace{1cm}} 821$

e) $599 \underline{\hspace{1cm}} 600$

f) $756 \underline{\hspace{1cm}} 765$

g) $888 \underline{\hspace{1cm}} 887$

h) $650 \underline{\hspace{1cm}} 560$

i) $999 \underline{\hspace{1cm}} 998$

j) $702 \underline{\hspace{1cm}} 720$

23. Circle the greater number:

a) 567 or 576

b) 890 or 809

c) 725 or 752

d) 640 or 604

e) 999 or 909

24. Circle the smaller number:

a) 788 or 878

b) 515 or 551

c) 699 or 696

d) 820 or 802

e) 956 or 965

Section I: Ordering Numbers

25. Arrange in ascending order (smallest to largest):

a) 756, 567, 675, 765 _____ < _____ < _____ < _____

b) 890, 809, 908, 980 _____ < _____ < _____ < _____

c) 621, 612, 601, 626 _____ < _____ < _____ < _____

d) 555, 505, 550, 500 _____ < _____ < _____ < _____

e) 999, 909, 990, 900 _____ < _____ < _____ < _____

26. Arrange in descending order (largest to smallest):

a) 678, 786, 687, 876 _____ > _____ > _____ > _____

b) 540, 504, 550, 505 _____ > _____ > _____ > _____

c) 888, 808, 880, 800 _____ > _____ > _____ > _____

d) 725, 752, 527, 572 _____ > _____ > _____ > _____

e) 963, 639, 936, 693 _____ > _____ > _____ > _____

Section J: Odd and Even Numbers

27. Write whether the number is ODD or EVEN:

a) 568 = _____

b) 777 = _____

c) $902 =$ _____

d) $645 =$ _____

e) $830 =$ _____

f) $999 =$ _____

g) $714 =$ _____

h) $551 =$ _____

i) $888 =$ _____

j) $607 =$ _____

28. Circle all the EVEN numbers:

523, 678, 805, 942, 717, 660, 899, 536, 781, 990

29. Circle all the ODD numbers:

612, 847, 750, 965, 528, 713, 890, 501, 666, 879

Section K: Mixed Challenge Problems

30. I am a 3-digit number. My hundreds digit is 7. My tens digit is twice my ones digit. My ones digit is 4. What number am I? _____

31. I am a 3-digit number between 800 and 900. I am an odd number. The sum of my digits is 18. My tens digit is 4. What number am I?

32. Write the greatest 3-digit number using the digits 5, 7, and 9 (use each digit only once):

33. Write the smallest 3-digit number using the digits 6, 0, and 8 (use each digit only once):

34. How many tens are there in 750? _____

35. What is 100 less than 609? _____

36. What is 50 more than 865? _____
37. Which number is exactly in the middle of 500 and 600? _____
38. I have 8 hundreds, 0 tens, and 5 ones. What number am I? _____
39. Complete: 5 hundreds + 9 tens = _____
40. If you count backward by 2s from 580, what is the 5th number?

Section L: Word Problems

41. A school has 567 students. Another school has 576 students. Which school has more students? _____
42. Ram scored 785 marks. Sita scored 758 marks. Who scored fewer marks?

43. A shop sold 650 toys in January and 605 toys in February. In which month were fewer toys sold? _____
44. The library has books numbered from 501 to 510. How many books are there?

45. A parking lot has car numbers: 756, 675, 765, 567. Arrange them from smallest to largest:
_____, _____, _____, _____
46. If house numbers on a street go 702, 704, 706, what are the next two house numbers?
_____, _____
47. A baker made 890 cookies. He sold 90 cookies. How many cookies are left?

48. A number is 10 more than 595. What is the number? _____
49. Bus numbers in a city are all even numbers between 500 and 510. Write all possible bus numbers: _____, _____, _____, _____, _____
50. Three friends have scores: Anu - 689, Bina - 698, Charu - 896. Whose score is the greatest?

ANSWER KEY

Section A: Place Value and Face Value

1. a) 80 b) 600 c) 3 d) 0 e) 900
 2. a) 5 b) 7 c) 2 d) 5 e) 3
 3. a) 6 b) hundreds c) 8 d) 7 e) 900
-

Section B: Expanded Form

4. a) $600 + 80 + 7$ b) $900 + 40 + 5$ c) $500 + 0 + 2$ d) $800 + 30 + 0$ e) $700 + 90 + 9$
 5. a) 568 b) 794 c) 905 d) 640 e) 823
 6. a) 6 hundreds + 5 tens + 2 ones b) 7 hundreds + 0 tens + 8 ones c) 9 hundreds + 9 tens + 0 ones d) 5 hundreds + 0 tens + 1 one e) 8 hundreds + 6 tens + 7 ones
-

Section C: Reading Numbers on Abacus

7. a) 748 b) 913 c) 590 d) 682 e) 1079 (or 979 if limited to 3 digits)
 8. a) 756: H-7 beads, T-5 beads, O-6 beads b) 903: H-9 beads, T-0 beads, O-3 beads
-

Section D: Before, After, and Between

9. a) 600 b) 779 c) 549 d) 899 e) 665 f) 509 g) 798 h) 629 i) 700 j) 989
 10. a) 590 b) 730 c) 650 d) 999 e) 810 f) 700 g) 580 h) 900 i) 600 j) 950
 11. a) 676 b) 809 c) 550 d) 1000 e) 720
-

Section E: Skip Counting

12. a) 506, 508 b) 760, 762 c) 895, 897
13. a) 515, 520 b) 690, 695 c) 885, 890
14. a) 640, 650 b) 765, 775 c) 910, 920
15. a) 715, 710 b) 550, 545

16. a) 830, 820 b) 970, 960

Section F: Number Patterns

17. a) 507, 509 b) 680, 690 c) 905, 900 d) 585, 595 e) 650, 600

18. a) Add 10 (or +10) b) Subtract 10 (or -10) c) Add 25 (or +25) d) Subtract 10 (or -10) e) Add 100 (or +100)

Section G: Mental Math Exercises

19. a) 700 b) 750 c) 799 d) 560 e) 999

20. a) 600 b) 800 c) 990 d) 600 e) 700

21. a) 850 b) 650 c) 775 d) 750 e) 600

Section H: Comparing Numbers

22. a) $>$ b) $<$ c) $=$ d) $<$ e) $<$ f) $<$ g) $>$ h) $>$ i) $>$ j) $<$

23. a) 576 b) 890 c) 752 d) 640 e) 999

24. a) 788 b) 515 c) 696 d) 802 e) 956

Section I: Ordering Numbers

25. a) $567 < 675 < 756 < 765$ b) $809 < 890 < 908 < 980$ c) $601 < 612 < 621 < 626$ d) $500 < 505 < 550 < 555$ e) $900 < 909 < 990 < 999$

26. a) $876 > 786 > 687 > 678$ b) $550 > 540 > 505 > 504$ c) $888 > 880 > 808 > 800$ d) $752 > 725 > 572 > 527$ e) $963 > 936 > 693 > 639$

Section J: Odd and Even Numbers

27. a) EVEN b) ODD c) EVEN d) ODD e) EVEN f) ODD g) EVEN h) ODD i) EVEN j) ODD

28. Circle: 678, 942, 660, 536, 990

29. Circle: 847, 965, 713, 501, 879

Section K: Mixed Challenge Problems

30. 784

31. 855 ($8+5+5=18$)

32. 975

33. 608

34. 75 tens

35. 509

36. 915

37. 550

38. 805

39. 590

40. 572 (580, 578, 576, 574, 572)

Section L: Word Problems

41. The school with 576 students.

42. Sita

43. February

44. 10 books

45. 567, 675, 756, 765

46. 708, 710

47. 800 cookies

48. 605

49. 500, 502, 504, 506, 508

50. Charu