

Place Value Practice Packet

4th Grade Math

Blast off with big numbers!

Name: _____

Class: _____

Date: _____



What's inside:

- ★ Place Value Charts & Digit Value
- ★ Expanded Form & Standard Form
- ★ Comparing & Ordering Numbers
- ★ Rounding Whole Numbers
- ★ Place Value Word Problems
- ★ Answer Key

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Part 1: Place Value Charts



Write each number in the place value chart, then answer the questions below.

Numbers to chart: 452,891 | 6,204 | 93,017

Hundred Thousand s	Ten Thousand s	Thousand s	Hundred s	Tens	Ones



Part 2: What is the value of the highlighted digit?

1. 3,**4**58 → the highlighted digit is 4. Its value is

2. **7**2,910 → the highlighted digit is 7. Its value is

3. 156,**3**24 → the highlighted digit is 3. Its value is

4. **8**9,045 → the highlighted digit is 8. Its value is

5. 612,**7**89 → the highlighted digit is 7. Its value is

6. **4**5,672 → the highlighted digit is 4. Its value is

7. **8**,341 → the highlighted digit is 8. Its value is

8. **4**71,205 → the highlighted digit is 4. Its value is

9. 96,0**5**8 → the highlighted digit is 5. Its value is

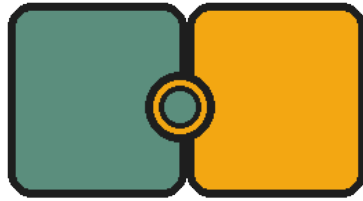
10. 512,90**7** → the highlighted digit is 7. Its value is

11. **3**84,096 → the highlighted digit is 3. Its value is

12. 4**3**,208 → the highlighted digit is 3. Its value is

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Part 3: Expanded Form

Write each number in expanded form. Example: $4,326 = 4,000 + 300 + 20 + 6$

1. $5,821 =$ _____

2. $39,704 =$ _____

3. $260,145 =$ _____

4. $8,093 =$ _____

5. $417,608 =$ _____

6. $62,913 =$ _____

7. $305,470 =$ _____

8. $7,256 =$ _____

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Part 4: Standard Form



Write each expanded number in standard form. Example: $6,000 + 200 + 10 + 5 = 6,215$

9. $70,000 + 5,000 + 400 + 30 + 2 =$ _____

10. $300,000 + 40,000 + 900 + 6 =$ _____

11. $9,000 + 60 + 3 =$ _____

12. $500,000 + 8,000 + 200 + 10 + 7 =$ _____

13. $20,000 + 700 + 40 =$ _____

14. $40,000 + 3,000 + 200 + 60 + 5 =$ _____

15. $800,000 + 90,000 + 4,000 + 100 + 8 =$ _____

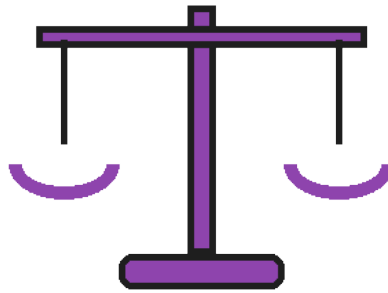
16. $6,000 + 700 + 9 =$ _____

17. $250,000 + 6,000 + 30 =$ _____

18. $90,000 + 800 + 5 =$ _____

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Part 5: Comparing Numbers

Compare each pair of numbers. Write $>$, $<$, or $=$ in the blank.

1. 48,213 _____ 48,231

2. 705,900 _____ 75,900

3. 62,004 _____ 62,004

4. 391,027 _____ 391,072

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 Part 5: Comparing Numbers (continued)

5. 8,462 _____ 8,426

6. 150,300 _____ 150,030

7. 27,981 _____ 28,001

8. 904,215 _____ 904,251

9. 573,481 _____ 573,418

10. 29,650 _____ 29,650

11. 8,079 _____ 8,097

12. 601,240 _____ 610,240

13. 715,062 _____ 715,026

14. 4,908 _____ 4,980

15. 200,500 _____ 200,500

16. 83,417 _____ 83,471

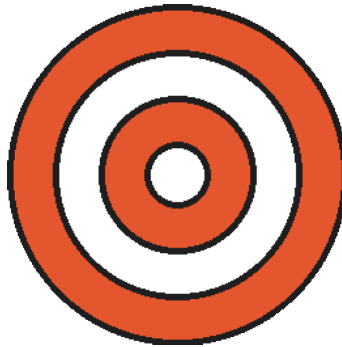
 Part 6: Ordering Numbers

17. Order these numbers from least to greatest: 45,210 45,012
45,102

18. Order these numbers from greatest to least: 328,004
382,400 238,400

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Part 7: Rounding Whole Numbers

Round each number to the place shown.

- 1.** Round 6,482 to the nearest hundred: _____
- 2.** Round 34,719 to the nearest thousand: _____
- 3.** Round 8,356 to the nearest ten: _____
- 4.** Round 152,489 to the nearest ten thousand:

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 Part 7: Rounding (continued)

5. Round 9,951 to the nearest hundred: _____

6. Round 271,048 to the nearest hundred thousand:

7. Round 45,600 to the nearest thousand: _____

8. Round 7,829 to the nearest ten: _____

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Part 8: Place Value Word Problems



Read each problem carefully and write your answer on the line.

1. A city has a population of 214,567 people. What digit is in the thousands place, and what is its value?

2. Maria wrote the number four hundred six thousand, twenty-nine. Write this number in standard form.

3. A school raised \$58,340 for a new playground. Round this amount to the nearest thousand dollars.

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Part 8: Word Problems (continued)



4. Two towns have populations of 63,504 and 63,450. Which town has more people? How do you know?

5. Write a 6-digit number where the digit 7 is in the ten thousands place and the digit 3 is in the ones place. Then write it in expanded form.



✓ Answer Key ✓

Part 2: Value of the Highlighted Digit

- 1) 400 2) 70,000 3) 300 4) 80,000 5) 700 6) 40,000
7) 8,000 8) 400,000 9) 50 10) 7 11) 300,000 12) 3,000

Part 3: Expanded Form

- 1) $5,000 + 800 + 20 + 1$
2) $30,000 + 9,000 + 700 + 4$
3) $200,000 + 60,000 + 100 + 40 + 5$
4) $8,000 + 90 + 3$
5) $400,000 + 10,000 + 7,000 + 600 + 8$
6) $60,000 + 2,000 + 900 + 10 + 3$
7) $300,000 + 5,000 + 400 + 70$
8) $7,000 + 200 + 50 + 6$

Part 4: Standard Form

- 9) 75,432 10) 340,906 11) 9,063 12) 508,217 13) 20,740
14) 43,265 15) 894,108 16) 6,709 17) 256,030 18) 90,805

Part 5: Comparing Numbers

- 1) $<$ 2) $>$ 3) $=$ 4) $<$ 5) $>$ 6) $>$ 7) $<$ 8) $<$
9) $>$ 10) $=$ 11) $<$ 12) $<$
13) $>$ 14) $<$ 15) $=$ 16) $<$

Part 6: Ordering Numbers

- 17) $45,012 < 45,102 < 45,210$
18) $382,400 > 328,004 > 238,400$

Part 7: Rounding

- 1) 6,500 2) 35,000 3) 8,360 4) 150,000 5) 10,000 6) 300,000 7) 46,000
8) 7,830

Part 8: Word Problems

- 1) The digit 4 is in the thousands place; its value is 4,000.
2) 406,029
3) \$58,000
4) 63,504 has more people — the tens digit (0 vs 5) is greater when the other digits are the same.
5) Answers will vary — check that the ten thousands digit is 7 and the ones digit is 3 (e.g., $173,463 = 100,000 + 70,000 + 3,000 + 400 + 60 + 3$).