

**Determine which choice best answers each question.****Answers**

- 1) Which is the place value of the 6 in the number 745,163?  
A. ten thousands  
B. tens  
C. hundreds  
D. hundred thousands
- 2) Which is the place value of the 1 in the number 1,486?  
A. hundreds  
B. thousands  
C. ones  
D. tens
- 3) Which is the place value of the 8 in the number 8,634?  
A. ones  
B. thousands  
C. hundreds  
D. tens
- 4) Which is the place value of the 4 in the number 54,713,829?  
A. tens  
B. millions  
C. ten millions  
D. ten thousands
- 5) Which is the place value of the 3 in the number 7,316?  
A. tens  
B. ones  
C. hundreds  
D. thousands
- 6) Which is the place value of the 6 in the number 46,192,385?  
A. hundred thousands  
B. tens  
C. hundreds  
D. millions
- 7) Which is the place value of the 7 in the number 2,614,957?  
A. tens  
B. millions  
C. ones  
D. ten thousands
- 8) Which is the place value of the 6 in the number 17,643?  
A. ten thousands  
B. thousands  
C. hundreds  
D. ones
- 9) Which is the place value of the 5 in the number 93,486,572?  
A. hundreds  
B. tens  
C. thousands  
D. ten thousands
- 10) Which is the place value of the 8 in the number 92,587?  
A. tens  
B. thousands  
C. hundreds  
D. ones
- 11) Which is the place value of the 3 in the number 394,685?  
A. ten thousands  
B. hundreds  
C. tens  
D. hundred thousands
- 12) Which is the place value of the 1 in the number 941,327?  
A. hundreds  
B. hundred thousands  
C. thousands  
D. tens

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



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  - B. thousands
  - C. hundreds
  - D. tens
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  - C. hundreds
  - D. millions
- 7) Which is the place value of the 7 in the number 2,614,957?
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  - B. millions
  - C. ones
  - D. ten thousands
- 8) Which is the place value of the 6 in the number 17,643?
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  - B. thousands
  - C. hundreds
  - D. ones
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  - D. ones
- 11) Which is the place value of the 3 in the number 394,685?
  - A. ten thousands
  - B. hundreds
  - C. tens
  - D. hundred thousands
- 12) Which is the place value of the 1 in the number 941,327?
  - A. hundreds
  - B. hundred thousands
  - C. thousands
  - D. tens

Answers

1.     **B**
2.     **B**
3.     **B**
4.     **B**
5.     **C**
6.     **D**
7.     **C**
8.     **C**
9.     **A**
10.    **A**
11.    **D**
12.    **C**



Solve each problem.

- 1) What digit is in the tens place in the number 8,679?
- 2) What digit is in the hundreds place in the number 395?
- 3) What digit is in the thousands place in the number 82,497?
- 4) What digit is in the ten thousands place in the number 67,921?
- 5) What digit is in the hundred thousands place in the number 2,846,579?
- 6) What digit is in the millions place in the number 6,734,152?
- 7) What digit is in the ones place in the number 4,967,582?
- 8) What digit is in the tens place in the number 13?
- 9) What digit is in the hundreds place in the number 67,453?
- 10) What digit is in the thousands place in the number 653,749?
- 11) What place is the 3 at in the number 132,958?
- 12) What place is the 4 at in the number 458,926?
- 13) What place is the 6 at in the number 6,541,829?
- 14) What place is the 3 at in the number 983?
- 15) What place is the 8 at in the number 84?
- 16) What place is the 1 at in the number 9,576,184?
- 17) What place is the 1 at in the number 431,269?
- 18) What place is the 3 at in the number 832,649?
- 19) What place is the 3 at in the number 352,179?
- 20) What place is the 4 at in the number 4,291,837?

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_
19. \_\_\_\_\_
20. \_\_\_\_\_



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- 20) What place is the 4 at in the number 4,291,837?

Answers

1. 7
2. 3
3. 2
4. 6
5. 8
6. 6
7. 2
8. 1
9. 4
10. 3
11. ten thousands
12. hundred thousands
13. millions
14. ones
15. tens
16. hundreds
17. thousands
18. ten thousands
19. hundred thousands
20. millions



**Rewrite each number in expanded form.**

1) 866,895

\_\_\_\_\_

2) 23,381

\_\_\_\_\_

3) 95,339

\_\_\_\_\_

4) 8,647

\_\_\_\_\_

5) 1,072

\_\_\_\_\_

6) 215,161

\_\_\_\_\_

7) 9,902

\_\_\_\_\_

8) 986,925

\_\_\_\_\_

9) 8,919

\_\_\_\_\_

10) 9,697

\_\_\_\_\_

11) 522,320

\_\_\_\_\_

12) 94,772

\_\_\_\_\_

13) 674,358

\_\_\_\_\_

14) 7,888

\_\_\_\_\_

15) 21,605

\_\_\_\_\_

16) 996,781

\_\_\_\_\_

17) 37,906

\_\_\_\_\_

18) 57,162

\_\_\_\_\_

19) 17,017

\_\_\_\_\_

20) 791,271

\_\_\_\_\_

**Rewrite each number in expanded form.**

1) 866,895

$$800,000 + 60,000 + 6,000 + 800 + 90 + 5$$

2) 23,381

$$20,000 + 3,000 + 300 + 80 + 1$$

3) 95,339

$$90,000 + 5,000 + 300 + 30 + 9$$

4) 8,647

$$8,000 + 600 + 40 + 7$$

5) 1,072

$$1,000 + 70 + 2$$

6) 215,161

$$200,000 + 10,000 + 5,000 + 100 + 60 + 1$$

7) 9,902

$$9,000 + 900 + 2$$

8) 986,925

$$900,000 + 80,000 + 6,000 + 900 + 20 + 5$$

9) 8,919

$$8,000 + 900 + 10 + 9$$

10) 9,697

$$9,000 + 600 + 90 + 7$$

11) 522,320

$$500,000 + 20,000 + 2,000 + 300 + 20$$

12) 94,772

$$90,000 + 4,000 + 700 + 70 + 2$$

13) 674,358

$$600,000 + 70,000 + 4,000 + 300 + 50 + 8$$

14) 7,888

$$7,000 + 800 + 80 + 8$$

15) 21,605

$$20,000 + 1,000 + 600 + 5$$

16) 996,781

$$900,000 + 90,000 + 6,000 + 700 + 80 + 1$$

17) 37,906

$$30,000 + 7,000 + 900 + 6$$

18) 57,162

$$50,000 + 7,000 + 100 + 60 + 2$$

19) 17,017

$$10,000 + 7,000 + 10 + 7$$

20) 791,271

$$700,000 + 90,000 + 1,000 + 200 + 70 + 1$$



Fill in the blanks.

Number	Word Form	Expanded Form
1) _____	eighty-seven	_____
2) _____	one thousand, eight hundred twenty-eight	_____
3) _____	_____	40+7
4) 553	_____	_____
5) _____	_____	60+6
6) 13	_____	_____
7) _____	six hundred sixty-seven	_____
8) _____	_____	6000+100+50
9) _____	ninety-two	_____
10) _____	two hundred forty-five	_____
11) _____	seven thousand, three hundred eight	_____
12) _____	_____	70+4
13) _____	_____	500+70+3
14) 2,953	_____	_____
15) _____	_____	40+2
16) _____	six hundred fifty-four	_____
17) _____	_____	7000+100+80+7
18) _____	_____	3
19) 461	_____	_____
20) _____	one thousand, two hundred ninety-nine	_____



**Fill in the blanks.**

	Number	Word Form	Expanded Form
1)	87	eighty-seven	80+7
2)	1,828	one thousand, eight hundred twenty-eight	1000+800+20+8
3)	47	forty-seven	40+7
4)	553	five hundred fifty-three	500+50+3
5)	66	sixty-six	60+6
6)	13	thirteen	10+3
7)	667	six hundred sixty-seven	600+60+7
8)	6,150	six thousand, one hundred fifty	6000+100+50
9)	92	ninety-two	90+2
10)	245	two hundred forty-five	200+40+5
11)	7,308	seven thousand, three hundred eight	7000+300+8
12)	74	seventy-four	70+4
13)	573	five hundred seventy-three	500+70+3
14)	2,953	two thousand, nine hundred fifty-three	2000+900+50+3
15)	42	forty-two	40+2
16)	654	six hundred fifty-four	600+50+4
17)	7,187	seven thousand, one hundred eighty-seven	7000+100+80+7
18)	3	three	3
19)	461	four hundred sixty-one	400+60+1
20)	1,299	one thousand, two hundred ninety-nine	1000+200+90+9





**Convert each problem to numeric form.**

**Ex)** four and ninety-two hundredths

**Answers**

Ex. 4.92

1) one hundred twenty-two and two hundred eighty-six thousandths

1. \_\_\_\_\_

2) seventeen and three thousandths

2. \_\_\_\_\_

3) six and four hundred eighty-two thousandths

3. \_\_\_\_\_

4) two and three hundred sixty-three thousandths

4. \_\_\_\_\_

5) three and three thousandths

5. \_\_\_\_\_

6) eight hundred seventy-nine and nine hundred nineteen thousandths

6. \_\_\_\_\_

7) seventeen and two tenths

7. \_\_\_\_\_

8) five hundred thirty-five and five tenths

8. \_\_\_\_\_

9) one and eighty-three hundredths

9. \_\_\_\_\_

10) two and sixty-two hundredths

10. \_\_\_\_\_

11) four and four hundred eighty-eight thousandths

11. \_\_\_\_\_

12) forty-three and one hundred sixty-one thousandths

12. \_\_\_\_\_

13) three hundred forty-seven and nine thousandths

13. \_\_\_\_\_

14) seven and three tenths

14. \_\_\_\_\_

15) nine and six tenths

15. \_\_\_\_\_

16) six hundred twenty-seven and nine tenths

16. \_\_\_\_\_

17) seven and nine thousandths

17. \_\_\_\_\_

18) four and seven tenths

18. \_\_\_\_\_

19) nine hundred thirty-nine and four hundred twenty-seven thousandths

19. \_\_\_\_\_

20) twenty-four and five hundred twenty-five thousandths

20. \_\_\_\_\_



**Convert each problem to numeric form.**

**Ex)** four and ninety-two hundredths

**Answers**

Ex. 4.92

1) one hundred twenty-two and two hundred eighty-six thousandths

1. 122.286

2) seventeen and three thousandths

2. 17.003

3) six and four hundred eighty-two thousandths

3. 6.482

4) two and three hundred sixty-three thousandths

4. 2.363

5) three and three thousandths

5. 3.003

6) eight hundred seventy-nine and nine hundred nineteen thousandths

6. 879.919

7) seventeen and two tenths

7. 17.2

8) five hundred thirty-five and five tenths

8. 535.5

9) one and eighty-three hundredths

9. 1.83

10) two and sixty-two hundredths

10. 2.62

11) four and four hundred eighty-eight thousandths

11. 4.488

12) forty-three and one hundred sixty-one thousandths

12. 43.161

13) three hundred forty-seven and nine thousandths

13. 347.009

14) seven and three tenths

14. 7.3

15) nine and six tenths

15. 9.6

16) six hundred twenty-seven and nine tenths

16. 627.9

17) seven and nine thousandths

17. 7.009

18) four and seven tenths

18. 4.7

19) nine hundred thirty-nine and four hundred twenty-seven thousandths

19. 939.427

20) twenty-four and five hundred twenty-five thousandths

20. 24.525



Convert each problem to word form.

1) 3.038

\_\_\_\_\_

2) 23.252

\_\_\_\_\_

3) 75.471

\_\_\_\_\_

4) 54.4

\_\_\_\_\_

5) 81.9

\_\_\_\_\_

6) 5.195

\_\_\_\_\_

7) 128.216

\_\_\_\_\_

8) 489.919

\_\_\_\_\_

9) 411.007

\_\_\_\_\_

10) 5.036

\_\_\_\_\_

11) 18.13

\_\_\_\_\_

12) 345.693

\_\_\_\_\_

13) 8.035

\_\_\_\_\_

14) 44.009

\_\_\_\_\_

15) 68.02

\_\_\_\_\_

16) 3.9

\_\_\_\_\_

17) 67.256

\_\_\_\_\_

18) 784.34

\_\_\_\_\_

19) 3.113

\_\_\_\_\_

20) 277.61

\_\_\_\_\_



Convert each problem to word form.

- 1) 3.038 three and thirty-eight thousandths
- 2) 23.252 twenty-three and two hundred fifty-two thousandths
- 3) 75.471 seventy-five and four hundred seventy-one thousandths
- 4) 54.4 fifty-four and four tenths
- 5) 81.9 eighty-one and nine tenths
- 6) 5.195 five and one hundred ninety-five thousandths
- 7) 128.216 one hundred twenty-eight and two hundred sixteen thousandths
- 8) 489.919 four hundred eighty-nine and nine hundred nineteen thousandths
- 9) 411.007 four hundred eleven and seven thousandths
- 10) 5.036 five and thirty-six thousandths
- 11) 18.13 eighteen and thirteen hundredths
- 12) 345.693 three hundred forty-five and six hundred ninety-three thousandths
- 13) 8.035 eight and thirty-five thousandths
- 14) 44.009 forty-four and nine thousandths
- 15) 68.02 sixty-eight and two hundredths
- 16) 3.9 three and nine tenths
- 17) 67.256 sixty-seven and two hundred fifty-six thousandths
- 18) 784.34 seven hundred eighty-four and thirty-four hundredths
- 19) 3.113 three and one hundred thirteen thousandths
- 20) 277.61 two hundred seventy-seven and sixty-one hundredths

**Convert each problem to numeric form.**

**Ex)**  $20 + 7 + \frac{9}{10} + \frac{2}{100} + \frac{5}{1000}$

**1)**  $70 + 1 + \frac{4}{10}$

**2)**  $600 + 20 + 3 + \frac{9}{10} + \frac{3}{100} + \frac{2}{1000}$

**3)**  $80 + 3 + \frac{6}{10} + \frac{9}{100}$

**4)**  $50 + 9 + \frac{3}{10} + \frac{7}{100} + \frac{6}{1000}$

**5)**  $3 + \frac{3}{10} + \frac{5}{100}$

**6)**  $600 + 70 + 7 + \frac{7}{10}$

**7)**  $700 + 60 + 3 + \frac{2}{10} + \frac{8}{100} + \frac{4}{1000}$

**8)**  $100 + 90 + 3 + \frac{7}{10} + \frac{8}{100} + \frac{7}{1000}$

**9)**  $3 + \frac{6}{10}$

**10)**  $30 + 3 + \frac{5}{10} + \frac{9}{100}$

**11)**  $60 + 1 + \frac{2}{10} + \frac{7}{100} + \frac{1}{1000}$

**12)**  $8 + \frac{5}{10} + \frac{7}{100}$

**13)**  $5 + \frac{6}{10} + \frac{2}{100}$

**14)**  $500 + 50 + 1 + \frac{7}{10} + \frac{5}{100}$

**15)**  $6 + \frac{9}{10} + \frac{3}{100}$

**16)**  $30 + 8 + \frac{1}{10} + \frac{5}{100}$

**17)**  $300 + 80 + 1 + \frac{1}{10} + \frac{3}{100}$

**18)**  $900 + 10 + 5 + \frac{7}{10}$

**19)**  $9 + \frac{6}{10}$

**20)**  $100 + 80 + 6 + \frac{4}{10}$

**Answers**Ex. 27.925

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_

**Convert each problem to numeric form.**

Ex)  $20 + 7 + \frac{9}{10} + \frac{2}{100} + \frac{5}{1000}$

1)  $70 + 1 + \frac{4}{10}$

2)  $600 + 20 + 3 + \frac{9}{10} + \frac{3}{100} + \frac{2}{1000}$

3)  $80 + 3 + \frac{6}{10} + \frac{9}{100}$

4)  $50 + 9 + \frac{3}{10} + \frac{7}{100} + \frac{6}{1000}$

5)  $3 + \frac{3}{10} + \frac{5}{100}$

6)  $600 + 70 + 7 + \frac{7}{10}$

7)  $700 + 60 + 3 + \frac{2}{10} + \frac{8}{100} + \frac{4}{1000}$

8)  $100 + 90 + 3 + \frac{7}{10} + \frac{8}{100} + \frac{7}{1000}$

9)  $3 + \frac{6}{10}$

10)  $30 + 3 + \frac{5}{10} + \frac{9}{100}$

11)  $60 + 1 + \frac{2}{10} + \frac{7}{100} + \frac{1}{1000}$

12)  $8 + \frac{5}{10} + \frac{7}{100}$

13)  $5 + \frac{6}{10} + \frac{2}{100}$

14)  $500 + 50 + 1 + \frac{7}{10} + \frac{5}{100}$

15)  $6 + \frac{9}{10} + \frac{3}{100}$

16)  $30 + 8 + \frac{1}{10} + \frac{5}{100}$

17)  $300 + 80 + 1 + \frac{1}{10} + \frac{3}{100}$

18)  $900 + 10 + 5 + \frac{7}{10}$

19)  $9 + \frac{6}{10}$

20)  $100 + 80 + 6 + \frac{4}{10}$

**Answers**

Ex. 27.925

1. 71.4

2. 623.932

3. 83.69

4. 59.376

5. 3.35

6. 677.7

7. 763.284

8. 193.787

9. 3.6

10. 33.59

11. 61.271

12. 8.57

13. 5.62

14. 551.75

15. 6.93

16. 38.15

17. 381.13

18. 915.7

19. 9.6

20. 186.4