

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

- 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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

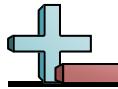
8. _____

9. _____

10. _____

11. _____

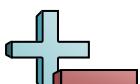
12. _____

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 C. ones
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 C. tens
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 A. hundreds
 B. hundred thousands
 C. thousands
 D. tens

Answers

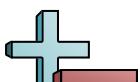
1. **B**
 2. **B**
 3. **B**
 4. **B**
 5. **C**
 6. **D**
 7. **C**
 8. **C**
 9. **A**
 10. **A**
 11. **D**
 12. **C**

**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

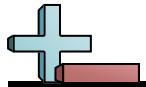
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

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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 _____

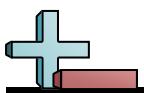
16) 996,781 _____

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

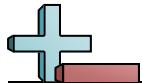
$50,000 + 7,000 + 100 + 60 + 2$

19) 17,017

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

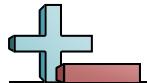
20) 791,271

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

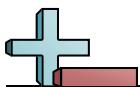


Fill in the blanks.

	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

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

2) seventeen and three thousandths

3) six and four hundred eighty-two thousandths

4) two and three hundred sixty-three thousandths

5) three and three thousandths

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

7) seventeen and two tenths

8) five hundred thirty-five and five tenths

9) one and eighty-three hundredths

10) two and sixty-two hundredths

11) four and four hundred eighty-eight thousandths

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

13) three hundred forty-seven and nine thousandths

14) seven and three tenths

15) nine and six tenths

16) six hundred twenty-seven and nine tenths

17) seven and nine thousandths

18) four and seven tenths

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

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

AnswersEx. **4.92**

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) four and ninety-two hundredths

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

Answers

4.92

2) seventeen and three thousandths

122.286

3) six and four hundred eighty-two thousandths

17.003

4) two and three hundred sixty-three thousandths

6.482

5) three and three thousandths

2.363

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

3.003

7) seventeen and two tenths

879.919

8) five hundred thirty-five and five tenths

17.2

9) one and eighty-three hundredths

535.5

10) two and sixty-two hundredths

1.83

11) four and four hundred eighty-eight thousandths

2.62

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

4.488

13) three hundred forty-seven and nine thousandths

43.161

14) seven and three tenths

347.009

15) nine and six tenths

7.3

16) six hundred twenty-seven and nine tenths

9.6

17) seven and nine thousandths

627.9

18) four and seven tenths

7.009

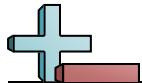
19) nine hundred thirty-nine and four hundred twenty-seven thousandths

4.7

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

939.427

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

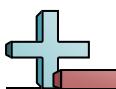
seven hundred eighty-four and thirty-four hundredths

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

Answers

27.925

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

Ex.

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

1.

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

2.

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

3.

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

4.

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

5.

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

6.

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

7.

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

8.

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

9.

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

10.

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

11.

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

12.

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

13.

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

14.

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

15.

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

16.

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

17.

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

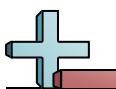
18.

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

19.

20.

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0



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

27.925

71.4

623.932

83.69

59.376

3.35

677.7

763.284

193.787

3.6

33.59

61.271

8.57

5.62

551.75

6.93

38.15

381.13

915.7

9.6

186.4