

Digits and Place Value Whole Numbers Up To 20,000

- 4 pages per worksheet
- 10 worksheets
- Maximum score of 25
- Mix and Match pages
- Answers included
- Homework
- Test Prep
- Assessment

PREVIEW
(Mix of worksheets)

Digits and Place Value / Whole Numbers Up to 20,000

/ Homework / Test Prep / Assessment

These are mix-and-match worksheets. Each set consists of 4 pages. The questions range from easy to more challenging.

All sets have the same number of questions and marks on corresponding pages so you can mix and match them to suit your students' needs. The marks for each question are given within square brackets [5]. Each set of worksheets has a maximum score of 25.

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More Worksheets:

<https://www.basic-math-explained.com>

<https://www.teacherspayteachers.com/Store/Flashcardgames>

Name:

Date:

Teacher / Class:

Score:

1. The diagram below represents a number.

[1]



Which one of the following is the number shown in the diagram?

2,130

2,310

2,013

2,031

Answer:

2. The number below is in the expanded form. Write it in standard form.

[1]

3 thousands 4 hundreds

Answer:

3. Which one of the following numbers is a 4-digit number?

[1]

400

3,480

24

944

Answer:

4. How many digits do the following numbers have? Write it in the table below.
[2]

| Number | Number in Words | Number of digits |
|--------|---------------------------------|------------------|
| 5 | five | |
| 20 | twenty | |
| 178 | one hundred seventy-eight | |
| 4,603 | four thousand six hundred three | |

-
5. There are 4 numbers below. Circle the number that has the digit '7' in the ones place.
[1]

| | | | |
|----|-----|-------|-----|
| 72 | 107 | 3,720 | 700 |
|----|-----|-------|-----|

-
6. The diagram represents a number.
[1] Write the number in expanded form.



Answer:

7. I am a 4-digit number.
 [4] My number is an even number.
 All the digits in my number adds up to 16.
 My thousands digit is bigger than my tens digit.
 My hundreds digit is the smallest digit.
 Which of the following numbers am I ?

| | | | |
|-------|-------|-------|-------|
| 6,541 | 8,602 | 7,054 | 3,148 |
|-------|-------|-------|-------|

Answer:

8. Fill in the blanks in the table below with place and value of the underlined digit.
 [5]

| Underlined Digit | Place | Value |
|-------------------------|-----------------|--------------|
| <u>5</u> 304 | thousands place | |
| 1 <u>7</u> 85 | | 700 |
| 9 0 <u>4</u> 6 | | |
| <u>2</u> 478 | | |
| 9 15 <u>7</u> | | |
| 4 <u>3</u> 28 | | |

9. Linda has 15 \$10-bills and 7 \$100-bills.
[4] Martha has 2 \$1,000-bills.
John has 13 \$100-bills.
Kim has 9 \$100-bills and 12 \$10-bills.

\$100

\$10

Find the amount of money each person has.

Linda _____

Martha _____

John _____

Kim _____

-
10. Use mental calculation to fill in the blanks below.
[5]

$$2456 + 110 = \underline{\hspace{2cm}}$$

$$3049 + 301 = \underline{\hspace{2cm}}$$

$$1187 + 3040 = \underline{\hspace{2cm}}$$

$$5649 - 1000 = \underline{\hspace{2cm}}$$

$$4355 - 300 = \underline{\hspace{2cm}}$$

ANSWERS

Worksheet 1 – Page 3

| | |
|----|----------------|
| 1. | 3,001 |
| 2. | 1,100 |
| 3. | 1,110 |
| 4. | 4 digits |
| 5. | Three thousand |

| | |
|-----|-----------------------------------|
| 6. | a) 900 b) 4,758 |
| 7. | 5,631 |
| 8. | 1,300; 5,010; 7,000; 1,006; 2,927 |
| 9. | 1,375; 1,357; 3,175; 3,157; |
| 10. | 4,366; 3,158; 2,789; 8,084; 4,185 |

Worksheet 2 – Page 7

| | |
|----|---------------------|
| 1. | 2,130 |
| 2. | 3,400 |
| 3. | 3,480 |
| 4. | 7 |
| 5. | Six thousand twelve |

| | |
|-----|---------------------------------|
| 6. | hundreds; thousands; tens; ones |
| 7. | 3; 8; 0; 8 |
| 8. | 1,000; 3; 50; ones; 700 |
| 9. | 3,549; 1,081; 9,230; 6,704 |
| 10. | – |

Worksheet 3 – Page 11

| | |
|----|--------------------------------------|
| 1. | 1,312 |
| 2. | One thousand two hundred forty-three |
| 3. | 2,3 54 |
| 4. | 2; 1; 3; 4 |
| 5. | 107 |
| 6. | 2,134 |
| 7. | 7,054 |

| 8. | <table border="1"> <thead> <tr> <th><u>Underlined Digit</u></th> <th><u>Place</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><u>5</u> 304</td> <td>thousands place</td> <td>5,000</td> </tr> <tr> <td>1 <u>7</u> 85</td> <td>hundreds place</td> <td>700</td> </tr> <tr> <td>9 0<u>4</u> 6</td> <td>tens place</td> <td>40</td> </tr> <tr> <td><u>2</u> 478</td> <td>thousands place</td> <td>2,000</td> </tr> <tr> <td>9 1<u>5</u> 7</td> <td>ones place</td> <td>7</td> </tr> <tr> <td>4 <u>3</u> 28</td> <td>hundreds place</td> <td>300</td> </tr> </tbody> </table> | <u>Underlined Digit</u> | <u>Place</u> | <u>Value</u> | <u>5</u> 304 | thousands place | 5,000 | 1 <u>7</u> 85 | hundreds place | 700 | 9 0 <u>4</u> 6 | tens place | 40 | <u>2</u> 478 | thousands place | 2,000 | 9 1 <u>5</u> 7 | ones place | 7 | 4 <u>3</u> 28 | hundreds place | 300 |
|----------------|--|-------------------------|--------------|--------------|--------------|-----------------|-------|---------------|----------------|-----|----------------|------------|----|--------------|-----------------|-------|----------------|------------|---|---------------|----------------|-----|
| | <u>Underlined Digit</u> | <u>Place</u> | <u>Value</u> | | | | | | | | | | | | | | | | | | | |
| | <u>5</u> 304 | thousands place | 5,000 | | | | | | | | | | | | | | | | | | | |
| | 1 <u>7</u> 85 | hundreds place | 700 | | | | | | | | | | | | | | | | | | | |
| | 9 0 <u>4</u> 6 | tens place | 40 | | | | | | | | | | | | | | | | | | | |
| | <u>2</u> 478 | thousands place | 2,000 | | | | | | | | | | | | | | | | | | | |
| 9 1 <u>5</u> 7 | ones place | 7 | | | | | | | | | | | | | | | | | | | | |
| 4 <u>3</u> 28 | hundreds place | 300 | | | | | | | | | | | | | | | | | | | | |
| 9. | 7,129 | | | | | | | | | | | | | | | | | | | | | |
| 10. | 2,703; 2,073; 2,730; etc | | | | | | | | | | | | | | | | | | | | | |

Worksheet 4 - Page 15

| | |
|----|-----------------------------------|
| 1. | 7,532 |
| 2. | 1,034 |
| 3. | Three thousand one hundred eleven |
| 4. | 3,217; 4,093 |
| 5. | 3; 5 |
| 6. | 4,918 |
| 7. | |

| 8. | 1,246; 1,058; 1,750; 2,980 | | | | | | | | | | | | |
|---------------------------------|---|-----------------|--------------------|-----------------------|-------|--------------------|-------|----------------------------|-------|---------------------------------|-------|------------------------|-------|
| 9. | | | | | | | | | | | | | |
| 10. | <table border="1"> <thead> <tr> <th>Number in Words</th> <th>Number in Numerals</th> </tr> </thead> <tbody> <tr> <td>Three thousand forty.</td> <td>3,040</td> </tr> <tr> <td>Two thousand eight</td> <td>2,008</td> </tr> <tr> <td>Five thousand six hundred.</td> <td>5,600</td> </tr> <tr> <td>Nine thousand one hundred three</td> <td>9,103</td> </tr> <tr> <td>Seven thousand twelve.</td> <td>7,012</td> </tr> </tbody> </table> | Number in Words | Number in Numerals | Three thousand forty. | 3,040 | Two thousand eight | 2,008 | Five thousand six hundred. | 5,600 | Nine thousand one hundred three | 9,103 | Seven thousand twelve. | 7,012 |
| Number in Words | Number in Numerals | | | | | | | | | | | | |
| Three thousand forty. | 3,040 | | | | | | | | | | | | |
| Two thousand eight | 2,008 | | | | | | | | | | | | |
| Five thousand six hundred. | 5,600 | | | | | | | | | | | | |
| Nine thousand one hundred three | 9,103 | | | | | | | | | | | | |
| Seven thousand twelve. | 7,012 | | | | | | | | | | | | |

Worksheet 5 - Page 19

| | |
|----|-------------------------------------|
| 1. | 3,020 |
| 2. | Five thousands six hundreds |
| 3. | 100 |
| 4. | 1 tens; 1 tens 3 ones |
| 5. | Two thousand five hundred seventeen |
| 6. | 4,300; 4,500 |

| | | | | | | | | | | | |
|----------------------|---|---------------------|---------------------|----------------------|---------------------|--------------------|----------------------|---------------------|---------------------|----------------------|---------------------|
| 7. | <table border="1"> <tbody> <tr> <td>10 tens = 100</td> <td>10 hundreds = 1,000</td> </tr> <tr> <td>11 tens = 110</td> <td>11 hundreds = 1,100</td> </tr> <tr> <td>19 tens = 190</td> <td>17 hundreds = 1,700</td> </tr> <tr> <td>20 tens = 200</td> <td>20 hundreds = 2,000</td> </tr> <tr> <td>24 tens = 240</td> <td>29 hundreds = 2,900</td> </tr> </tbody> </table> | 10 tens = 100 | 10 hundreds = 1,000 | 11 tens = 110 | 11 hundreds = 1,100 | 19 tens = 190 | 17 hundreds = 1,700 | 20 tens = 200 | 20 hundreds = 2,000 | 24 tens = 240 | 29 hundreds = 2,900 |
| 10 tens = 100 | 10 hundreds = 1,000 | | | | | | | | | | |
| 11 tens = 110 | 11 hundreds = 1,100 | | | | | | | | | | |
| 19 tens = 190 | 17 hundreds = 1,700 | | | | | | | | | | |
| 20 tens = 200 | 20 hundreds = 2,000 | | | | | | | | | | |
| 24 tens = 240 | 29 hundreds = 2,900 | | | | | | | | | | |
| 8. | <table border="1"> <tbody> <tr> <td>$2457 + 100 = 2557$</td> <td>$4073 + 20 = 4093$</td> </tr> <tr> <td>$1156 + 1000 = 2156$</td> <td>$5109 + 200 = 5309$</td> </tr> <tr> <td>$3008 + 10 = 3018$</td> <td>$3381 + 4000 = 7381$</td> </tr> <tr> <td>$7845 + 100 = 7945$</td> <td>$4068 + 500 = 4568$</td> </tr> <tr> <td>$6410 + 1000 = 7410$</td> <td>$1224 + 70 = 1294$</td> </tr> </tbody> </table> | $2457 + 100 = 2557$ | $4073 + 20 = 4093$ | $1156 + 1000 = 2156$ | $5109 + 200 = 5309$ | $3008 + 10 = 3018$ | $3381 + 4000 = 7381$ | $7845 + 100 = 7945$ | $4068 + 500 = 4568$ | $6410 + 1000 = 7410$ | $1224 + 70 = 1294$ |
| $2457 + 100 = 2557$ | $4073 + 20 = 4093$ | | | | | | | | | | |
| $1156 + 1000 = 2156$ | $5109 + 200 = 5309$ | | | | | | | | | | |
| $3008 + 10 = 3018$ | $3381 + 4000 = 7381$ | | | | | | | | | | |
| $7845 + 100 = 7945$ | $4068 + 500 = 4568$ | | | | | | | | | | |
| $6410 + 1000 = 7410$ | $1224 + 70 = 1294$ | | | | | | | | | | |
| 9. | 2,734 | | | | | | | | | | |
| 10. | <p>100; 200; 400; 700; 1100; 1600; 2200 ; 2900 ; 3700</p> <p>100 200 300 400 500 600 700 800</p> | | | | | | | | | | |

Worksheet 6 - Page 23

| | |
|----|--|
| 1. | 3,810; 3,830 |
| 2. | 100 |
| 3. | 8,164 |
| 4. | 2,589; 2,789 |
| 5. | a) 8,000 b) 4,518 |
| 6. | 60 |
| 7. | <p>3 ones = <u>3</u> 20 tens = <u>200</u></p> <p>10 ones = <u>10</u> 5 hundreds = <u>500</u></p> <p>16 ones = <u>16</u> 9 hundreds = <u>900</u></p> <p>7 tens = <u>70</u> 15 hundreds = <u>1,500</u></p> <p>12 tens = <u>120</u> 20 hundreds = <u>2,000</u></p> |

| | |
|-----|---|
| 8. | 660 |
| 9. | <p>Linda <u>\$850</u></p> <p>Martha <u>\$2,000</u></p> <p>John <u>\$1,300</u></p> <p>Kim <u>\$1,020</u></p> |
| 10. | <p>$2456 + 110 = \underline{2566}$</p> <p>$3049 + 301 = \underline{3350}$</p> <p>$1187 + 3040 = \underline{4227}$</p> <p>$5649 - 1000 = \underline{4649}$</p> <p>$4355 - 300 = \underline{4055}$</p> |

Worksheet 7 - Page 27

| | |
|----|--|
| 1. | 500 |
| 2. | 300 |
| 3. | 130 |
| 4. | <p>$6450 - 100 = \underline{6350}$</p> <p>$3957 - 20 = \underline{3937}$</p> <p>$4078 - 1000 = \underline{3078}$</p> <p>$3719 - 19 = \underline{3700}$</p> |
| 5. | 3,700 ; 3,900 |
| 6. | \$126 |

| | |
|-----|---|
| 7. | <p><u>10</u> tens = 100 <u>15</u> tens = 150</p> <p><u>35</u> tens = 350 <u>100</u> tens = 1,000</p> |
| 8. | <p><u>3,500</u> is 2,500 more than 1,000.</p> <p>7,450 is 1,200 more than <u>6,250</u></p> <p>5,389 is <u>3,089</u> more than 2,300.</p> <p>1,040 more than 3,400 is <u>4,440</u></p> <p>2,400 more than <u>6,416</u> is 8,816.</p> |
| 9. | \$10,308 |
| 10. | 12,570 apples |

Worksheet 8 – Page 31

| | |
|----|-------------------------------|
| 1. | 1,002 ; 1,020 ; 1,030 ; 1,200 |
| 2. | 1,751 ; 1,571 ; 1,517 ; 1,157 |
| 3. | 3,750 |
| 4. | \$80 |
| 5. | 3,320 |

| | |
|-----|-----------------------------|
| 6. | 1,223 |
| 7. | a) 3,536 b) 5,656 c) 14,228 |
| 8. | \$2,710 |
| 9. | a) ☆ = 12 ; b) ♥ = 10 |
| 10. | a) cup = \$5 b) plate = \$9 |

Worksheet 9 – Page 35

| | |
|----|--|
| 1. | 3 |
| 2. | 1 ten; 19 ones; 1 thousand; 21 hundreds |
| 3. | 5 \$100-bills |
| 4. | 30 |
| 5. | 892 |

| | |
|-----|---------------------------------|
| 6. | 0 |
| 7. | 5,063 sheep |
| 8. | 1,130 beads |
| 9. | a) 1,000 b) 900 |
| 10. | a) 3,900 grams b) 39 small pies |

Worksheet 10 – Page 39

| | |
|----|---|
| 1. | 10 |
| 2. | 12 |
| 3. | 10 |
| 4. | $\begin{array}{l} \underline{9} \times 10 = 90 \\ \underline{20} \times 10 = 200 \end{array}$ $\begin{array}{l} \underline{5} \times 100 = 500 \\ \underline{19} \times 100 = 1900 \end{array}$ |
| 5. | 140 tens |

| | |
|-----|---|
| 6. | 5 hundreds |
| 7. | $20 \times 100 = \underline{2} \times 1000 \qquad 3 \times 1000 = 30 \times \underline{100}$ $170 \times 10 = \underline{17} \times 100 \qquad 15 \times 100 = 150 \times \underline{10}$ |
| 8. | 190 feet |
| 9. | 6 tins of green paint |
| 10. | 8,500 meters |