

Summer Learning for Upcoming 5th Grade Students – Math
(Internet Access Needed)



Each Week this Summer

1. Sign into Clever.
2. Go to IReady Math – We are starting with what you will be learning the 1st 9 weeks of 5th grade to prepare you for next year.
3. Go to the teacher assigned lessons.
4. Watch the videos carefully.
5. Complete the quiz. Try your best it's just practice.

Schedule of Lessons

1. **Weeks 1-2** – May 25-June 5th-IReady-Understand Place Value
2. **Weeks 3-4** – June 8-19, 2020- IReady-Understand Powers of Ten
3. **Weeks 5-6**– June 22-July 3-IReady-Read and Write Decimals
4. **Weeks 7-8**– July 6-17, 2020 IReady-Compare and Round Decimals
5. **Week 9-10**- July 20-31, 2020-IReady-Multiply Whole Numbers

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- In the number 2039.876, what digit is in the tenths place? 8
In the number 2039.876, what digit is in the ones place? 9
In the number 2039.876, what digit is in the tens place? 3
In the number 2039.876, what digit is in the thousandths place? 6

Exercise 1 (answer key starts on page 19)

- 1) In the number 78.9, what digit (number) is in the tenths place? _____
- 2) In the number 78.9, what digit (number) is in the ones place? _____
- 3) In the number 78.9, what digit (number) is in the tens place? _____
- 4) In the number 6174.903, what digit is in the thousands place? _____
- 5) In the number 6174.903, what digit is in the thousandths place? _____
- 6) In the number 6174.903, what digit is in the hundredths place? _____
- 7) In the number 6174.903, what digit is in the tenths place? _____
- 8) In the number 6174.903, what digit is in the ones place? _____
- 9) In the number 6174.903, what digit is in the tens place? _____
- 10) In the number 6174.903, what digit is in the hundreds place? _____

Exercise 2

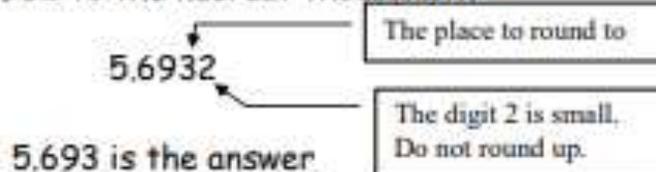
Directions: translate the following numbers from English into decimal numbers

1. Twenty-nine _____
2. Eighty-one hundredths _____
3. Nine thousand thirty-four *and* seven tenths _____
4. One *and* four thousandths _____
5. One hundred *and* sixty-two thousandths _____
6. Forty-five hundredths _____
7. Four thousand three hundred twenty-one ten-thousandths _____
8. One hundred twenty *and* five tenths _____
9. Seventeen thousandths _____
10. One *and* seven tenths _____

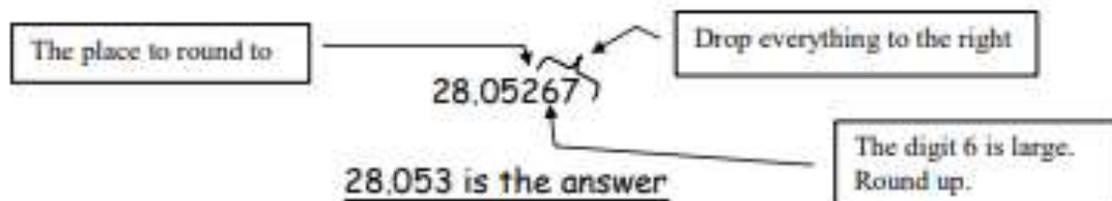
Rounding Decimal Numbers

When rounding decimal numbers, first look at the number place you are asked to round to. Then look at the digit (number) just to its right. If that digit is smaller than 5 (0, 1, 2, 3, or 4), then do not round up. If the digit is 5 or larger (5, 6, 7, 8, 9), then round up.

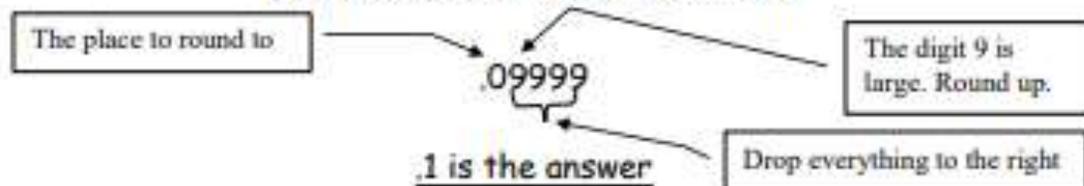
Round 5.6932 to the nearest thousandth



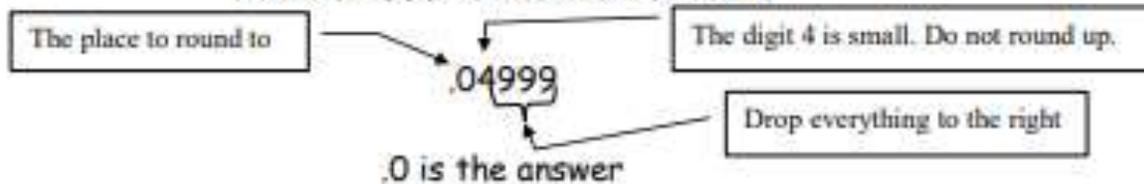
Round 28.05267 to the nearest thousandth



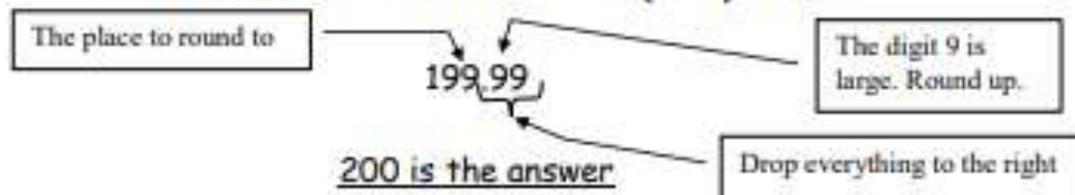
Round .09999 to the nearest tenth



Round .04999 to the nearest tenth



Round 199.99 to the nearest whole (ones) number



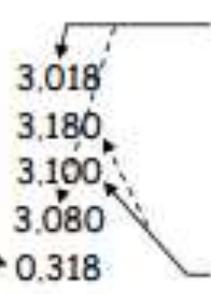
Exercise 3

Directions: Round the following decimal numbers to the place indicated

- 1) .1325 to thousandths _____
- 2) .0091 to thousandths _____
- 3) .0196 to thousandths _____
- 4) 5.1234 to thousandths _____
- 5) 6.6666 to thousandths _____
- 6) 40.61884 to thousandths _____
- 7) 1.99999 to thousandths _____
- 8) .1325 to hundredths _____
- 9) .0091 to hundredths _____
- 10) .3333 to hundredths _____
- 11) 5.567 to hundredths _____
- 12) 48.001 to hundredths _____
- 13) 7.987 to tenths _____
- 14) .666 to tenths _____
- 15) 1.32 to tenths _____
- 16) 99.99 to tenths _____
- 17) .5 to whole (ones) number _____
- 18) 11.99 to whole (ones) number _____
- 19) 499 to the nearest hundred _____
- 20) 999 to the nearest thousand _____

Arrange from the smallest to the largest:
3.018 3.18 3.1 3.08 .318

The only clue here is that .318 does not have a whole number; therefore, it is the smallest.



In the tenths place 3.018 and 3.080 have zeroes; therefore, they are the next smallest numbers. Since 3.018 has a 1 in the hundredths place, it is smaller.

The two largest numbers are left over. Compare 3.180 and 3.100 by looking at hundredths place. Since 3.100 has a zero there, it is smaller and 3.180 is the largest of all the numbers.

from smallest to largest, they are:
.318 3.018 3.08 3.1 3.18

Exercise 7

Directions: arrange these numbers from largest to smallest:

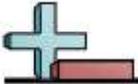
1) 2.62 2.061 2.612 0.66 6.21

2) 14.01 140.1 1.401 14.1 14.11

3) .0067 .007 .00618 .00701 .006

4) .1 .01 1 1.1 .019

5) 5.1 5 5.01 5.09 5.91



Multiplication (Vertical)

Name: _____

Solve each problem.

$$\begin{array}{r} 1) \quad 908 \\ \times \quad 49 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 926 \\ \times \quad 43 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 916 \\ \times \quad 82 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 105 \\ \times \quad 59 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 654 \\ \times \quad 40 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 147 \\ \times \quad 12 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 824 \\ \times \quad 39 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 628 \\ \times \quad 51 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 219 \\ \times \quad 19 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 267 \\ \times \quad 50 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 247 \\ \times \quad 61 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 530 \\ \times \quad 48 \\ \hline \end{array}$$

Students Practice your Multiplication Facts 0-12 Daily!