Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Estimating with Whole Numbers

When estimating, you can round the numbers in the problem to *compatible numbers.* Compatible numbers are \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Estimate each sum or difference by rounding to the place value indicated.

5,439 + 7,516; thousands

62,167 – 47,511; ten-thousands

Estimate the product by rounding.

Mr. Merz is planning a party for the sixth grade. There are 9 homeroom classes of 27 students. Estimate how many cups Mr. Merz needs to buy for the students if they all attend the celebration.

Estimate the quotient using compatible numbers.

Mrs. Garry will drive 120 miles to go to the state fair. She can drive 65 miles per hour. About how long will the trip take?

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Representing, Comparing and Ordering Decimals

Place Value:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| H  U  N  D  R  E  D  S | T  E  N  S | O  N  E  S | T  E  N  T  H  S | H  U  N  D  R  E  D  T  H  S | T  H  O  U  S  A  N  D  T  H  S | T  E  N  T  H  O  U  S  A  N  D  T  H  S | H  U  N  D  E  D  T  H  O  U  S  A  N  D  T  H  S |
|  |  |  |  |  |  |  |  |

Write each decimal in standard form, expanded form and words.

1.05

0.05 + 0.001 + 0.0007

sixteen and nine hundredths

Order the decimals from least to greatest and then graph them on the number line.

14.35, 14.3, 14.05