Prinberk ACADEMY

Name:

Class:

ROUNDING DECIMALS

1. Round each to the nearest whole number.

- 6.421 ☐
- 5.882 ☐
- 19.235 ☐
- 2.371 ☐
- 45.288 ☐

2. Round to the nearest place.

- 13.936 ☐
- 269.57 ☐
- 14.369 ☐
- 51.07 ☐
- 29.0978 ☐

Rounding Decimals

Find your place and look next door.
5 or greater, add one more.

All digits in front, stay the same.
All digits behind, zero's the name.

Round 1.362 to the nearest hundredths.

1.362 → 1.360

6 is at the hundredths place.
We look next door and find the number 2.
2 is less than 5 and so 6 remains the same.

Round 25.378 to the nearest tenths.

25.378 → 25.400

3 is at the tenths place.
We look next door and find the number 7.
7 is more than 5 and so we increase 3 to 4.

LIVEWORKSHEETS

Rounding decimals

Round 8.172 to the nearest hundredths

1. 8.172
2. 8.172 2 < 5, so add nothing to 7
3. 8.17 Drop 2

Round 8.176 to the nearest hundredths

1. 8.1763
2. 8.1763 6 ≥ 5, so add 1 to 7
3. 8.18 Drop 63

3. Round each number to the nearest tenths.

- 7.322
- 1.156
- 3.770
- 7.953
- 4.438
- 5.299

4. Round to the nearest hundredths.

- 5.872
- 2.212
- 6.447
- 1.735
- 4.397
- 0.987

5. Solve the world problem.

- Frankie put 7.987 gallons of gasoline in his car. What is 7.987 rounded to the nearest hundredths?
- Katie had 8.467 gallons more than Frankie. She gave 2.346 gallons for her dad. How many gallons does she have left after all? Round the number to the nearest tenths.

LIVEWORKSHEETS