

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.



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 word 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.

