Introduction to Decimals
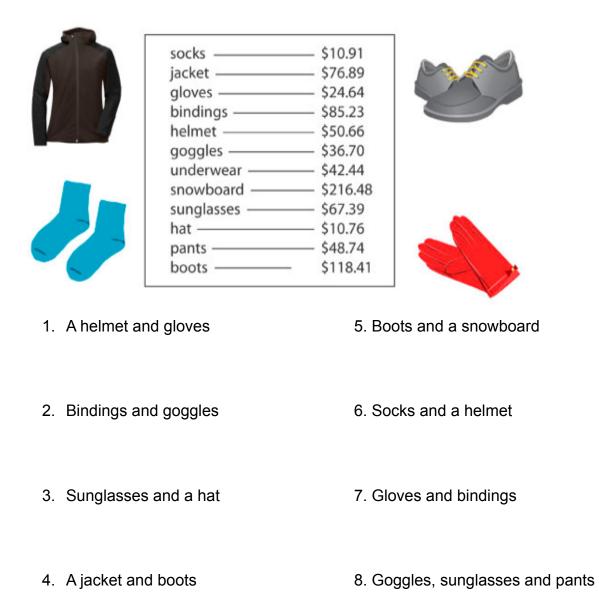
1. Look at the following numbers. *Circle* the place value it tells you.

   a. Hundred   3,478.9

   b. Ones   62.801

   c. Thousandths   36,910.634

2. Write the following numbers as a decimal. The first one is done for you.

   a. Fifty-four and three tenths   54.3

   b. One hundred and six tenths

   c. Three and seven thousandths

   d. Sixty-four and two hundredths

3. Round the following decimals to the nearest *tenth*.

   a. 0.748

   b. 4.805

   c. 10.555

   d. 82,741.012

4. Round the following decimals to the nearest *hundredth*.

   a. 0.957

   b. 6.263

   c. 547.039

   d. 12,002.107

Adding Decimals

It's almost winter. You're getting ready to go snowboarding at Big White. Below is a list of items that you may need. Use addition to find how much you will spend if you buy the items listed.

socks	$10.91
jacket	$76.89
gloves	$24.64
bindings	$85.23
helmet	$50.66
goggles	$36.70
underwear	$42.44
snowboard	$216.48
sunglasses	$67.39
hat	$10.76
pants	$48.74
boots	$118.41

1. A helmet and gloves

2. Bindings and goggles

3. Sunglasses and a hat

4. A jacket and boots

5. Boots and a snowboard

6. Socks and a helmet

7. Gloves and bindings

8. Goggles, sunglasses and pants

Extending: You have a budget of $500. What would be the most amount of items that you can buy? What would be the least amount of items that you can buy? Remember to use as much of the budget as possible. Show all of your work on a scrap piece of paper.