

# Grade 4

## NUMBER SENSE & NUMERATION: COMPARING AND ORDERING DECIMALS

Don't forget to play the Ordering Decimals game first! Go to [mathfrog.ca](http://mathfrog.ca) for the link.

1. Fill each blank with  $>$  or  $<$ .

Remember that because 8 is greater than 5, the answer to part a) is  $8 > 5$ .

- a)  $8 \underline{\quad} 5$                       b)  $100 \underline{\quad} 10\,000$                       c)  $9165 \underline{\quad} 3954$                       d)  $1234 \underline{\quad} 4321$

2. Write these decimals in order from smallest to largest.

a) 0.2, 0.5, 0.8, 0.1, 0.9 \_\_\_\_\_

b) 0.1, 0.4, 0.2, 0.3, 0.9 \_\_\_\_\_

c) 0.7, 0.6, 0.1, 0.3, 0.5 \_\_\_\_\_

d) 0.3, 0.4, 0.1, 0.5, 0.2 \_\_\_\_\_

3. Fill each blank with  $>$  or  $<$ .

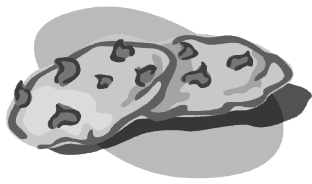
- a)  $77.7 \underline{\quad} 77.9$                       b)  $54.7 \underline{\quad} 45.7$                       c)  $623.5 \underline{\quad} 623.6$                       d)  $40.4 \underline{\quad} 44.0$

4. Write these numbers in order from smallest to largest.

a) 12.4, 12, 13.5, 14, 13.3 \_\_\_\_\_

b) 1.2, 12, 0.2, 1200, 120 \_\_\_\_\_

c) 998.1, 100, 1 000, 199.7, 99.8 \_\_\_\_\_



**FUN MATH FACT**

The average person in North America will eat 35 000 cookies in their lifetime!

5. Mrs. Phillips is buying groceries. She is comparing the prices of two brands, Math'n'Munch and Mathelicious. The table below shows the cost of each brand. Circle the lowest price for each of the four **items** on her grocery list.



Items on Grocery List	Math'n'Munch	Mathelicious
Juice	\$0.56	\$0.60
Milk	\$3.90	\$3.09
Cookies	\$4.32	\$4.23
Macaroni and Cheese	\$0.89	\$0.91



6. The heights of five students are listed in the table.

Name	Michael	Karima	Chang	Victoria	Heather
Height (cm)	136.2	134.6	124.4	144.7	131.9

- a) Who is the shortest? \_\_\_\_\_
- b) Who is the tallest? \_\_\_\_\_
- c) List the names of the students in order, from shortest to tallest.  
\_\_\_\_\_

## TRY THIS!

Dr. Stevenson keeps track of the height of each of his patients. Five of his patients are Amanda, Boris, Cruz, David, and Edward. Their heights are 135.2 cm, 121.9 cm, 140.9 cm, 148.5 cm, and 128.9 cm but not in that order. Use the following clues to complete the table below.

- a) David is taller than Edward and Boris.
- b) Amanda is shorter than Boris.
- c) Edward is shorter than Amanda.
- d) Cruz is the tallest.

Name	Height

