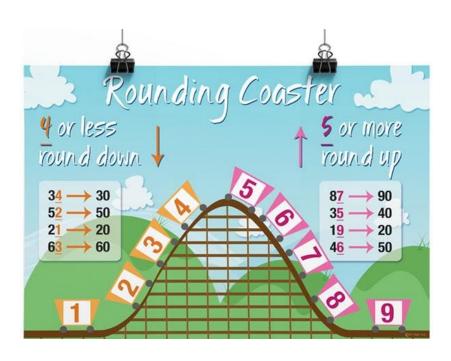Dear parent,

Our Unit test for Whole Numbers will be on Tuesday, **January 29th.** To prepare for the test, please have your child finish the Review pages included in this package.

The strategy we have relied on for estimating is **rounding to a place value**. Students can choose which place value to round to depending on how accurate they want their estimate to be.

I recommend having your child practice rounding some numbers. Remember- underline the place value you are rounding to, and then check the number to the right of it. If it is 5 or above, it rounds up, if it's 4 or below, it stays the same, then you put zeros in the places to the right of the place you rounded to.

Thanks,
Mr. O

WHOLE NUMBERS REVIEW

1. Write each number from these headlines in **words** and in **expanded form**.

EXAMPLE: Kyle blinked his eyes 37 882 times this year.

  thirty-seven thousand eight hundred eighty-two

  30 000 + 7000 + 800 + 80 + 2

a) Police Estimate 860 000 at Canada Day Celebrations

b) 93 562 Attend Each Montreal Hockey Game

c) Power Still Out at 209 400 Homes

2. Write each number in standard form.

EXAMPLE: 30 000 + 50 + 6   30 056

a) fifty thousand nine hundred thirty two

b) 900 000 + 20 000 + 7000 + 600 + 5

c) 100 000 + 7000 + 70 + 3

d) seven hundred sixty-five thousand one hundred six

3. Complete this Place Value Chart.

Number	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
198 356							
40 073							
579 020							
1 054 720							

4. Write the value of the **bolded** digit.

EXAMPLE: 259 4**3**6   3 means <u>30   or   thirty   or   3 tens</u> (Write the answer one of these ways)

a) 3**4**5 123   4 means

b) 2**9** 087   9 means

c) 509 3**4**0   4 means

d) 1 000 000   1 means

e) 645 **9**97   9 means

f) 145 985   1 means

5. Fill in the blank to finish the number sentence.

a) 999 999 + 1 =

b) 1 000 000 – 10 000 =

c) 500 000 +   = 1 000 000

d) 990 000 +   = 1 000 000

6. Write **3** numbers that are **greater** (bigger) than 284 000 but **less** (smaller) than 299 999.

7. Write your numbers from question 6 from **least** (smallest) to **greatest** (biggest).

8. Estimate each sum or difference. Show your work. Explain your strategy. **Look carefully at the sign + or -**

a) 8521 **+** 5382

b) 4054 **-** 549

c) 94 385 **+** 19 832

d) 14 354 – 6792

9. The playground committee plans to rebuild the playground.
The materials will cost $82 565.
The labour (people working) will cost $26 870.
The committee has $105 000.
Does the committee have **about** enough money? Explain how you know.

10. The deepest a submarine has gone is 6526 m below the surface of
the ocean. Use benchmarks (and the midpoint strategy) to write this
distance to the closest ten, hundred, and thousand.

a) 6526 to the nearest thousand is   .

b) 6526 to the nearest hundred is   .

c) 6526 to the nearest ten is   .

11. **Add** or **subtract**. Use an estimation strategy to show that your answers are reasonable.

a) 19 854 **+** 54 182

b) 65 890 **-** 5964

c) 9658 **-** 8465

d) 89 541 **+** 32 437

CHALLENGE

This chart show the number of tickets sold at each ride at the Summer Festival.

RIDE	NUMBER OF TICKETS SOLD
Ferris Wheel	89 054
Super Loop	57 683
Top Ten	57 692
Roller Rider	18 724

a) Did the Super Loop or the Ferris Wheel ride sell more tickets? About how many more?

b) Ninety thousand tickets were printed for each ride. At the end of the festival, **about** how many tickets were left for each ride?