Greek Orthodox Patriarchate School International - Hanina

Greek Orthodox Patriarchate School International - Hanina

Math (CP) Department **Academic Year : 2025/2026**

Name : _____ **Grade : 4 (A & B)**

Date : _____ **Worksheet 1**

ROUNDING

Step 1 : Find the rounding place and underline the digit

(Example: If you are rounding to the nearest tens, underline the tens place)

⇨ 12<u>5</u>7

Step 2 : Look at the digit next door (to the right) , put a circle around it

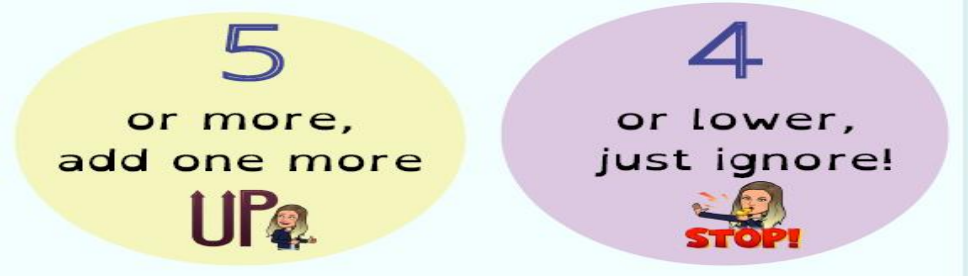
⇨ 12<u>5</u>(7)

Step 3 : Ask if the number in the circle :

↙ ↘

"4 or less ?"  **" 5 or more ?"**

Step 4 :



(In our example, the number in the circle is 7 (more than 5)

So, we need to add 1 to the underlined number)

⇨ 126<u>7</u>

Then , flex your muscles just like a hero. Digits to the right, change to the zero.

⇨ 1260

Step 5:

All the other numbers (on the left of the underlined digit) , stay the same.

⇨ 1257 ≃ 1260

Yahoo!! you are a winner at the rounding game.

Discuss :

In rounding We don't use " = " we use " ≃ " instead .

Why?

1) Round the following numbers to the nearest 10:

453	4638	2476	698

2) Round the following numbers to the nearest 100:

141	777	3,670	3,678

3) Round the following numbers to the nearest 1000:

6,163	3,625	20,876	182,632

4) Round the following numbers to the nearest 10000:

84,130	95,605	371,276	199,812

5) Round the following numbers to the nearest 100 000:

726,690	**6**93,000	**5**01,413	**8**72,150

6) Circle all the numbers that would be **4000** when rounded to the nearest thousand:

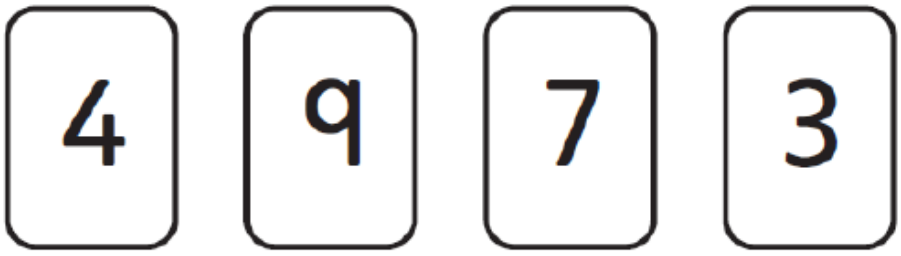
4242 3544 4879 429 3870

7) Here are five numbers.
Yuri rounds each number to the nearest 10 000

247 036 241 950 249 001 235 010 245 132

Draw a ring around **each** number that he rounds to 240 000

8)



Use one of each digit to create 4-digit numbers that have the following numbers as their nearest hundred.

1. ☐☐☐☐ ⟹ 3500

2. ☐☐☐☐ ⟹ 4800

3. ☐☐☐☐ ⟹ 7300

4. ☐☐☐☐ ⟹ 9400

5. ☐☐☐☐ ⟹ 4400

6. ☐☐☐☐ ⟹ 3700

7. ☐☐☐☐ ⟹ 9300

8. ☐☐☐☐ ⟹ 7400

9. ☐☐☐☐ ⟹ 7900

10. ☐☐☐☐ ⟹ 4900

11. ☐☐☐☐ ⟹ 3800

12. ☐☐☐☐ ⟹ 9500