

Mālama Kai: Caring for our Ocean Home

Name: _____ Date: _____

Mālama Kai

Our classroom was filled with plastic trash today, just like how many sea animals find plastic in their ocean homes. When we work together to pick up trash, we make a huge difference! Let's practice our math to see how much trash our class of **20 students** can remove from the sea.

1. Counting by 2s: Double the Impact!

If every student in our class picks up **2 pieces** of trash, let's see how much we collect altogether. Fill in the blanks by skip counting by **2s**:

2	_____	6	_____	10
12	_____	16	_____	20
22	_____	26	_____	30
32	_____	36	_____	40!

Total Trash Collected: _____ pieces of plastic!

2. Counting by 5s: Helping the Honu (Sea Turtles)

If everyone picks up **5 pieces** of trash, we can clean up even faster! Fill in the blanks by skip counting by **5s**:

5	,	10	,	_____	,	20	,	_____	,	30	,	_____	,	40	,	_____	,	50
55	,	_____	,	65	,	_____	,	75	,	_____	,	85	,	_____	,	95	,	100!

Total Trash Collected: _____ pieces of plastic!

3. Counting by 10s: Ocean Superheroes!

Wow! Now imagine each of the **20 students** collects **10 pieces** of trash. Count by **10s** to find out how clean we can make the ocean:

10 , 20 , _____ , 40 , _____ , 60 , _____ , 80 , _____ , 100
110 , _____ , 130 , _____ , 150 , _____ , 170 , _____ , 190 , **200!**

Total Trash Collected: _____ pieces of plastic!

4. My Beach Mission Challenge

When you go to the beach with your family, follow the **Double Clean-Up Mission**:

- ☐ Collect **10 pieces** of trash when you arrive.
- ☐ Collect **10 pieces** of trash right before you leave.

Let's Solve Your Beach Day Impact!

1. How much trash do **YOU** remove from the beach all by yourself?

$$10 + 10 = \underline{\hspace{2cm}} \text{ pieces}$$

2. If all **20 friends** from our class do this challenge over the weekend, how much total trash do we remove from the ocean together?

Hint: Count by 20s or use your 10s pattern from step 3 twice!

$$20 \text{ students} \times 20 \text{ pieces} = \underline{\hspace{2cm}} \text{ pieces!}$$

Mahalo for protecting our marine animals!