

No. ....

Date. ....

## \* Reducing Dishes

-1, -8, 0, 5, -1

sort

-1, -8, -1, 0, 5

5 → 5

$$0, 5 \rightarrow 0 \times 1 + 5 \times 2 = 10$$

$$-1, 0, 5 \rightarrow -1 \times 1 + 0 \times 2 + 5 \times 3 = 14$$

$$-8, -1, 0, 5 \rightarrow -8 \times 1 + -1 \times 2 + 0 \times 3 + 5 \times 4 = 10 \text{ further}$$

adding lesser value doesn't give result.