

# Who wins the Penny War?

How does the Penny War work? Let's practice and find out!!

Students donate change to their **PIGGIE**. After two weeks we will total up the donations to find a winner. But, each grade level is able to sabotage the other grade levels by donating DIMES! The dimes donated by other grade levels will be deducted from each grade level's total. LET the PENNY WAR begin!!



Each penny donated to your **PIGGIE** is worth 1 point.

Each nickel donated to your **PIGGIE** is worth 5 points.



Each quarter donated to your **PIGGIE** is worth 25 points.



**NO dollar bills accepted!**

Each dime donated to your **PIGGIE** deducts 10 points from each of the other grade level's **PIGGIE**!

**example:**

5<sup>th</sup> grade donates 63 dimes  
6<sup>th</sup> grade donates 68 dimes

7<sup>th</sup> grade donates 97 dimes  
8<sup>th</sup> grade donates 106 dimes

5<sup>th</sup> grade-total of dimes from other grades:  $68+97+106 = 271$  dimes  
**Deduct**  $271 \times 10 = 2710$  points from their own total.

7<sup>th</sup> grade-total of dimes from other grades:  $63+97+106 = 266$  dimes  
**Deduct**  $266 \times 10 = 2660$  points from their own total.



## Let's Practice - Mock Penny War

Grade 5	Grade 6	Grade 7	Grade 8
239 pennies x 1 = <u>239</u>	348 pennies x 1 = <u>348</u>	351 pennies x 1 = <u>351</u>	294 pennies x 1 = <u>294</u>
87 nickels x 5 = <u>435</u>	92 nickels x 5 = <u>460</u>	112 nickels x 5 = <u>560</u>	127 nickels x 5 = <u>635</u>
36 dimes = no value	61 dimes = no value	59 dimes = no value	94 dimes = no value
41 quarters x 25 = <u>1025</u>	29 quarters x 25 = <u>725</u>	86 quarters x 25 = <u>2150</u>	72 quarters x 25 = <u>1800</u>
TOTAL so far = <u>1699</u> pts	TOTAL so far = <u>1533</u> pts	TOTAL so far = <u>3061</u> pts	TOTAL so far = <u>2729</u> pts
<b>Add up</b> all the dimes from the other 3 grades Total dimes <u>214</u> x10 = <u>2140</u>	<b>Add up</b> all the dimes from the other 3 grades Total dimes <u>189</u> x10 = <u>1890</u>	<b>Add up</b> all the dimes from the other 3 grades Total dimes <u>191</u> x10 = <u>1910</u>	<b>Add up</b> all the dimes from the other 3 grades Total dimes <u>156</u> x10 = <u>1560</u>
TOTAL - dimes = POINTS <u>1699</u> - <u>2140</u> = <u>-441</u>	TOTAL - dimes = POINTS <u>1533</u> - <u>1890</u> = <u>-357</u>	TOTAL - dimes = POINTS <u>3061</u> - <u>1910</u> = <u>1151</u>	TOTAL - dimes = POINTS <u>2729</u> - <u>1560</u> = <u>1169</u>

And the winner of the Mock Penny War is Grade 8!

(HINT: We will have a PENNY WAR starting next week! All proceeds go to fund student activities)