

Be Grateful

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“**W**hy do you look troubled, Mom?” asked Kate.

“I was just thinking of how much your tuition fee increased. I paid around P40 000.00 this year,” answered Mom.

“How much was it before?” wondered Kate.

“Two years ago it was around P35 000.00. Last year it was about P37 000.00,” mentioned Mom.

“Is that exactly what you paid for my schooling? I did not realize it was that much,” said Kate.

“You should get a good education, Dear. Anyway, I just gave estimates,” explained Mom.

“Don’t worry, Mom. I study very hard. In fact, I understand what you mean by ‘estimates’. It is our lesson in math right now,” mentioned Kate.



“Then you know how to get the estimated sum of numbers,” said Mom.

“Yes! I just have to round the addends then add them,” said Kate.

“If I received a salary of P19 264.00 last month and a bonus of P3 492.00, about how much did I receive?” asked Mom.

“P19 264.00 rounded to the highest place value is P20 000.00, while P3 492.00 is P3 000.00. $P20\,000.00 + P3\,000.00 = P23\,000.00$. You received about P23 000.00,” answered Kate.

“Right! If for example, 368 students enrolled in grade 4 last year, and this year, 328 students enrolled, about how many students enrolled the last two years?” tested Mom.

“I will round up 368 to 400 and round down 328 to 300. So, $400 + 300 = 700$. About 700 students enrolled,” answered Kate.

“Good job, Kate! You have always been doing well in your studies. This is the reason why I want to give you a good education,” said Mom.

“Don’t worry, Mom. I will always do my best especially now that my school tuition keeps getting higher. I will always be grateful, Mom,” said Kate.



Try This!

I. Solve for the estimated sum by rounding off each addend to its highest place value.

- 1) $56 + 24 = a$
- 2) $762 + 93 = b$
- 3) $937 + 21 = c$
- 4) $791 + 87 = d$
- 5) $572 + 902 = e$
- 6) $917 + 429 = f$
- 7) $1\ 572 + 852 = g$
- 8) $2\ 058 + 6\ 720 = h$
- 9) $7\ 692 + 7\ 594 = i$
- 10) $6\ 072 + 8\ 325 = j$
- 11) $21\ 756 + 1\ 853 = k$
- 12) $8\ 795 + 9\ 671 = l$
- 13) $42\ 538 + 9\ 591 = m$
- 14) $67\ 521 + 12\ 345 = n$
- 15) $85\ 393 + 34\ 720 = o$

$$16) \quad 53\,902 + 68\,207 = p$$

$$17) \quad 86\,201 + 99\,999 = q$$

$$18) \quad 20\,943 + 82\,507 = r$$

$$19) \quad 98\,762 + 999 = s$$

$$20) \quad 29\,053 + 40\,529 = t$$

$$21) \quad 1\,256 + 45\,976 + 275 + 14\,310 = u$$

$$22) \quad 64\,720 + 4\,321 + 71\,555 = v$$

$$23) \quad 96\,175 + 37\,620 + 345 + 28\,961 = w$$

$$24) \quad 700\,142 + 98\,654 + 10\,345 + 66\,178 = x$$

$$25) \quad 36\,510 + 248\,236 + 137\,510 = y$$

ANSWER KEY

- 1) $60 + 20 = 80$
- 2) $800 + 90 = 890$
- 3) $900 + 20 = 920$
- 4) $800 + 90 = 890$
- 5) $600 + 900 = 1\,500$
- 6) $900 + 400 = 1\,300$
- 7) $2\,000 + 900 = 2\,900$
- 8) $2\,000 + 7\,000 = 9\,000$
- 9) $8\,000 + 8\,000 = 16\,000$
- 10) $6\,000 + 8\,000 = 14\,000$
- 11) $20\,000 + 2\,000 = 22\,000$
- 12) $9\,000 + 10\,000 = 19\,000$
- 13) $40\,000 + 10\,000 = 50\,000$
- 14) $70\,000 + 10\,000 = 80\,000$
- 15) $90\,000 + 30\,000 = 120\,000$
- 16) $50\,000 + 70\,000 = 120\,000$
- 17) $90\,000 + 100\,000 = 190\,000$
- 18) $20\,000 + 80\,000 = 100\,000$
- 19) $100\,000 + 1\,000 = 101\,000$
- 20) $30\,000 + 40\,000 = 70\,000$
- 21) $1000 + 50\,000 + 300 + 10\,000 = 61\,300$
- 22) $60\,000 + 4\,000 + 70\,000 = 134\,000$
- 23) $100\,000 + 40\,000 + 300 + 30\,000 = 170\,300$
- 24) $700\,000 + 100\,000 + 10\,000 + 70\,000 = 880\,000$
- 25) $40\,000 + 200\,000 + 100\,000 = 340\,000$