

A Christmas Message for 2021

Solve each of the 26 problems labeled A through Z. Then replace each blank with the letter corresponding to the number below it to learn the Christmas message.

Symbols used: +, -, /, * is multiplication, sqrt is square root, ! is factorial, [] is the greatest integer, ^ is exponent.

- | | |
|---|------------------------------------|
| A. ____ $[\text{sqrt}(202)] - 1$ | N. ____ $2 + 0 * 21$ |
| B. ____ $2 * 0 + 2 + 1$ | O. ____ $[(\text{sqrt}(202))] + 1$ |
| C. ____ $20 - 2 + 1$ | P. ____ $20 * (2 - 1)$ |
| D. ____ $(2 + (0!)) * 2 + 1$ | Q. ____ $20 / 2 - 1$ |
| E. ____ $[\text{sqrt}(20)] + [\text{sqrt}(21)]$ | R. ____ $(2 + 0 + 2)! + 1$ |
| F. ____ $20 + 2 - 1$ | S. ____ $20 / 2 + 1$ |
| G. ____ $(2 + 0!)! * 2 * 1$ | T. ____ $20 + 2 + 1$ |
| H. ____ $(2 + 0) * (2 + 1)$ | U. ____ $2 + 0 + 2 + 1$ |
| I. ____ $(2 + 0 + 2 * 1)!$ | V. ____ $2 ^ (0! + 2 + 1)$ |
| J. ____ $20 - 2 * 1$ | W. ____ $20 - (2 + 1)!$ |
| K. ____ $20 + (2 + 1)!$ | X. ____ $2 + 0 + 2 * 1$ |
| L. ____ $20 + 2 * 1$ | Y. ____ $20 - 2 - 1$ |
| M. ____ $20 / 2 * 1$ | Z. ____ $-20 + 21$ |

Now using the answers above, write the letters in the spaces below to discover the Christmas message:

$\overline{5} \overline{2} \overline{3} \overline{8} \overline{26} \overline{2} \overline{15} \overline{14} \overline{2} \overline{11} \overline{23} \quad \overline{23} \overline{15} \quad \overline{10} \overline{15} \overline{11} \overline{23}$
 $\overline{23} \overline{6} \overline{8} \overline{15} \overline{22} \overline{15} \overline{12} \overline{24} \overline{13} \overline{2} \overline{11} \quad \overline{23} \overline{6} \overline{8} \overline{25} \overline{8} \quad \overline{14} \overline{13} \overline{11} \quad \overline{13}$
 $\overline{21} \overline{15} \overline{5} \overline{25} \overline{23} \overline{6} \quad \overline{14} \overline{24} \overline{11} \overline{8} \overline{10} \overline{13} \overline{2} \quad \overline{14} \overline{6} \overline{15} \quad \overline{14} \overline{13} \overline{11}$
 $\overline{23} \overline{5} \overline{25} \overline{2} \overline{8} \overline{7} \quad \overline{13} \overline{14} \overline{13} \overline{17} \quad \overline{21} \overline{15} \overline{25} \quad \overline{3} \overline{25} \overline{24} \overline{2} \overline{12} \overline{24} \overline{2} \overline{12}$
 $\overline{13} \quad \overline{21} \overline{25} \overline{5} \overline{24} \overline{23} \overline{19} \overline{13} \overline{26} \overline{8}$

Merry Christmas from Mr. P