

4.4 Translate Expressions Review

Write as a numerical expression. Then, simplify.

1.) 98 plus 5.5 times 4

$$98 + 5.5 \times 4$$

$$\begin{array}{r} 5.5 \\ \times 4 \\ \hline 22.0 \end{array}$$

$$98 + 22 \Rightarrow \boxed{120}$$

2.) 55 times 10, minus 12

$$(55 \times 10) - 12$$

$$550 - 12$$

$$\boxed{538}$$

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Write as a numerical expression. Then, simplify.

3.) the sum of 4 and 5, times 2

$$(4 + 5) \times 2$$

$$9 \times 2 = \boxed{18}$$

4.) (12 added to 18), times (the sum of 4.5 and 2)

$$(12 + 18) \times (4.5 + 2)$$

$$\begin{array}{r} 12 \\ + 18 \\ \hline 30 \end{array} \times \begin{array}{r} 4.5 \\ + 2.0 \\ \hline 6.5 \end{array}$$

$$\boxed{195}$$

4.4 Translate Expressions Review

Write as an algebraic expression. Use n as the variable.

5.) 5 less than twice a number

$$2n - 5$$

6.) half a number, minus 3

$$\left(\frac{1}{2}n\right) - 3 \quad \left(\frac{n}{2}\right) - 3$$

$$(n \div 2) - 3$$

4.4 Translate Expressions Review

Write as an algebraic expression. Use n as the variable.

7.) double a number, plus 50

8.) 24 times the sum of a number and 2.5

4.4 Translate Expressions Review

Write as a word phrase.

9.) $100 + 2.5 \times 3.75$

10.) $n - 10 \times 15$