

Key

1. Simplify: $21 - 53 - (-74) + 3$

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$$\begin{array}{r} \text{Pos} \\ \hline 21 \\ 74 \\ 3 \\ \hline 98 \end{array}$$

$$\begin{array}{r} \text{Neg} \\ \hline -53 \\ \hline \end{array}$$

$$-53 \quad = 45$$

There are many correct ways to do this problem, this is only one example:

2. Simplify: $\frac{20 - 4^2}{1 + 3(29 - 32)}$

$$= \frac{20 - 16}{1 + 3(-3)} = \frac{4}{1 - 9} = \frac{4}{-8}$$

$$= -\frac{1}{2} = -\frac{1}{2}$$