

U1L2: Order of Operations

Simplify each expression. Show your work on lined paper then input your answer in the box next to each problem. When you have completed the worksheet, check your answers by clicking on the **FINISHED button** on the bottom of the page then scroll back up until you see the words **CHECK MY ANSWERS**. Click on it to check your answers. All answers in **GREEN** are correct and all answers in **RED** are incorrect. Review the work of the wrong ones on your paper and fix them. At this point you can redo the entire worksheet and re-enter all the answers in the interactive worksheet or just fix the work on the paper. Either way you are going to have to take a screenshot of the worksheet and take a picture of your work on the paper then upload both onto Schoology.

Example: $-8 \times (-5 + 3) - 2^2$

$$\begin{aligned} &= -8 \times (-2) - 2^2 \\ &= -8 \times (-2) - 4 \\ &= 16 - 4 \\ &= 12 \end{aligned}$$

1) $(-8 + 21) - 3^2 + 59$

2) $2 \times (-10) - (-9)^2$

3) $10 \div (-5) - (-2) \times 3$

4) $-9 - (-8 + 2) \times 4$

5) $(-3)^3 - 12 + 6 \div (-6)$

6) $-4^3 \div (-8) + 5 \times (-2)$

7) $7 + (-6) \times (-36 \div 9)$

8) $3 \times 10 + 19 - (-16)$