## Order of Operations (C)

Name:
Date:
Simplify each expression using the correct order of operations.
$2 \times(8+4+10)$
$(10+3 \times 4) \times 2$
$6+8 \times 9+2$
$9+4 \times 3+6$
$7 \times 5+9 \times 2$
$4 \times 10+6+3$
$9+2 \times 5 \times 3$
$8+2 \times(3+10)$
$(7+3) \times 6+9$
$(6+2) \times 5+7$

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Simplify each expression using the correct order of operations.

$$
\begin{aligned}
& 2 \times(\underline{8+4}+10) \\
& =2 \times(\underline{12+10}) \\
& =\underline{2 \times 22} \\
& =44
\end{aligned}
$$

$$
\begin{aligned}
& (10+3 \times 4) \times 2 \\
& =(\underline{(10+12)}) \times 2 \\
& =\underline{22 \times 2} \\
& =44
\end{aligned}
$$

$$
6+\underline{8 \times 9}+2
$$

$$
=\underline{6+72}+2
$$

$$
=78+2
$$

$$
=80
$$

$$
\begin{aligned}
& 9+\underline{4 \times 3}+6 \\
& =\underline{9+12}+6 \\
& =\underline{21+6} \\
& =\underline{27}
\end{aligned}
$$

$$
\begin{aligned}
& \underline{7 \times 5}+9 \times 2 \\
& =35+\underline{9 \times 2} \\
& =35+18 \\
& =53
\end{aligned}
$$

$$
\begin{aligned}
& \underline{4 \times 10}+6+3 \\
& =\underline{40+6}+3 \\
& =46+3 \\
& =49
\end{aligned}
$$

$9+\underline{2 \times 5} \times 3$
$=9+10 \times 3$
$=\underline{9+30}$
$=39$

$$
\begin{aligned}
& 8+2 \times(\underline{3+10}) \\
& =8+\underline{2 \times 13} \\
& =\underline{8+26} \\
& =34
\end{aligned}
$$

$(\underline{7+3}) \times 6+9$

$$
(\underline{6+2}) \times 5+7
$$

$$
=\underline{10 \times 6}+9
$$

$$
=60+9
$$

$$
=69
$$

$$
\begin{aligned}
& =\underline{8 \times 5}+7 \\
& =\underline{40+7} \\
& =47
\end{aligned}
$$

