

Order of Operations (E)

$$8 + 6 - 3 + 4 \times 11$$

$$12 + 10 - 7 + 4 \times 1$$

$$1 \times 1 + 6 + 4 - 2$$

$$2 + 3 - 2 + 10 \times 11$$

$$5 \times 8 + 5 + 11 - 9$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (E) Answers

$$8 + 6 - 3 + 4 \times 11$$

$$8 + 6 - 3 + 44$$

$$55$$

$$12 + 10 - 7 + 4 \times 1$$

$$12 + 10 - 7 + 4$$

$$19$$

$$1 \times 1 + 6 + 4 - 2$$

$$1 + 6 + 4 - 2$$

$$9$$

$$2 + 3 - 2 + 10 \times 11$$

$$2 + 3 - 2 + 110$$

$$113$$

$$5 \times 8 + 5 + 11 - 9$$

$$40 + 5 + 11 - 9$$

$$47$$