



Student Name: _____ Date: _____

Order Up!

Substitute each value for x into the expression below. Then order the values of the expressions from least to greatest in the tables that follow. Record the corresponding letter and the value of the expression in each column.

Expressions

A	B	C	D	E
$\frac{1}{3}(x+6)$	$-2x-8$	$\frac{2x+4}{x}$	$-3(4-x)$	$2(x+8)$
Value when $x=3$:	Value when $x=3$:	Value when $x=3$:	Value when $x=3$:	Value when $x=3$:
Value when $x=-6$:	Value when $x=-6$:	Value when $x=-6$:	Value when $x=-6$:	Value when $x=-6$:
Value when $x=0$:	Value when $x=0$:	Value when $x=0$:	Value when $x=0$:	Value when $x=0$:

When $x=3$

When $x=-6$

When $x=0$

Communicating About Mathematics

Did one equation always have the largest value? Explain your reasoning.


