Jane Doe
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Block A

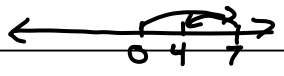
Math 8
Mr. Ursulak
Room 101

Lesson 0.6 Order of Operations

Warm-up: Solve

a) $7 + (-3)$

$= 0 + 7 - 3$



$= \boxed{4}$

b) $-17 - 8$

$= 0 - 17 - 8$

$= \boxed{-25}$

c) $-6 \times (-7)$

$6 \times 7 = 42$

$\ominus \times \ominus = \oplus$

$\oplus 42$

$\boxed{42}$

d) $-48 \div 8$

$48 \div 8 = 6$

$\ominus \div \oplus = \ominus$

$\ominus 6$

$\boxed{-6}$

Drill: 4-minute Multiplication Drill E

Lesson:

There is a standardized order in which one completes arithmetic operations. It is known by the acronym: BEDMAS.

1. Brackets
2. Exponents
3. Division, Multiplication — together, left to right
4. Addition, Subtraction — together, left to right

"Brackets" can mean parentheses ( ), brackets [ ], or braces { }. Always start working inside brackets, and follow BEDMAS inside the brackets. You are finished when there are no operations left inside.

"Exponents," for us, means squares (e.g. 4^2) and cubes (e.g. 7^3).

Multiplication & Division are then completed, left to right.
Last, Addition & Subtraction are completed, left to right.

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