

DO NOW

Solve the following:

- 1) The eighth grade class has 17 more girls than boys. There are 431 students in all. How many boys are there? How many girls are there?
Choices for the number of boys:
191,202,207

CH 1 & 2

REVIEW

ORDER OF OPERATIONS

Evaluate the expressions if $x = 4$, $y = 2$, $z = 5$

1) $\frac{2(x+5)}{4y-z}$

2) $8x - 3(z - y)$

EQUATIONS

Solve over the domain $\{0,1,2,3,4,5,6,7,8,9\}$

3) $2x = x + 7$

4) $27k = (3k)(3k)(3k)$

TRANSLATING EXPRESSIONS AND EQUATIONS

What's the difference between an **EXPRESSION** and an **EQUATION**?

TRANSLATING EXPRESSIONS AND EQUATIONS

Translate the phrases into variable expressions or equations

- 1) Inga lives 3 more miles than twice as far from school as Brent does. If Brent lives b miles from school, then Inga lives ___ miles from school
- 2) Together Jon and Amy spent \$29 on a birthday gift. John spent \$5 more than Amy. How much did each spend?

OPERATIONS WITH INTEGERS

Simply the expressions if $x = -3$, $y = 4$, $z = 5$

1) $\frac{(x+6)(z-y)}{(x+y)}$ 2) $-z + (-x + 7)$