

Notes for 8/26

1.1 Absolute Value

① Find $| -4 |$, $| 0 |$, $| -1 - (-2) |$

② $| 0 - 3 | =$

Aug 29-8:18 AM

1.2 Algebraic Expressions

① Find $a - 2b + ab$ for $a=3$ and $b=-1$

② Evaluate: $-x^2$ and $(-x)^2$ for $x=2$

$-2^2 = -4$ $(-2)^2 = 4$

$-1(2^2)$

③ $-x^2 - 2(x+1)$ for $x=3$

$-3^2 - 2x - 2$

$-9 - 2x - 2$

$(-3)^2 - 11 - 2x$

$9 - 11 - 2(3)$

$-11 - 6$

-17

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Anything multiplied to zero is always ZERO!!

Anything multiplied to one is always the other number!!

Coefficient is the number in front of a variable.

A Term is a number, a variable, or the product of a number.

$7x^2 + 3y$

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Combining like terms

① $3k - k$

$2k$

② $5z^2 - 10z - 8z^2 + z$

$-3z^2 - 9z$

③ $-(m+n) + 2(m-3n)$

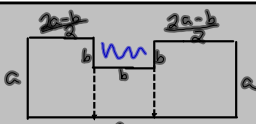
$-m - n + 2m - 6n$

$m - 7n$

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Finding Perimeter

what is perimeter?



$a + 2a + a + \frac{2a-b}{2} + 3b + \frac{2a-b}{2}$

$4a + 3b + \cancel{2(2a-b)}$

$4a + 3b + 2a - b = 6a + 2b$

what is area?

$2a(\frac{2a-b}{2}) + b(a-b) +$

$2a^2 - ab + ab - b^2$

$2a^2 - b^2$

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Try pg 15

1, 25, 27

37, 39, 43, 51

$4(a-2b)$

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HW
Pg 15
2, 4, 26, 28, 30, 36, 38, 42, 52

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