Math
Monday 3/6/2017

Its time for a Math notebook check! Once your notebook is ready, bring it up to the front.

You'll have some seatwork on exponents to do while you are waiting to get your notebook back.

Math
Tuesday 3/7/2017

Standard: 6.EE.5

Understand solving an equation or inequality as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an equation or inequality true.

You will need your notebook. Open it to the next available page to start taking notes!

Solving One Step Equations

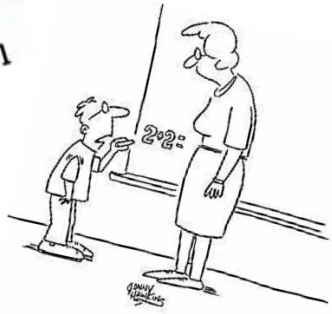
An equation is a mathematical sentence that contains the = symbol. This symbol is between two expressions or numbers.

"HE SOLVED HIS FIRST EQUATION TODAY."

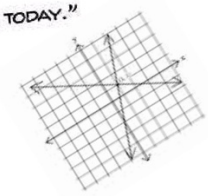
$$\frac{x}{7} = 3$$

$$(7)\frac{x}{7} = 3(7)$$

$$x = 21$$

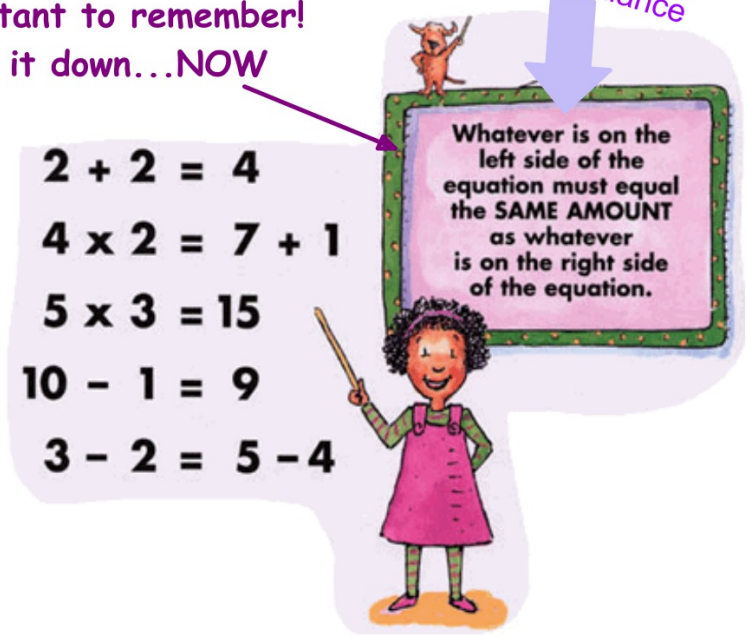


"I'm going to need tech support."



Its like a see-saw, you have to keep it in balance

Important to remember!
Write it down...NOW



The Golden Rule of Algebra

Do unto one side what you do to the other.

Solve

$x-7=6$

To solve you must get x alone on the left side of the equal sign

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$x-7=6$ ← write the problem

$+7 \quad =+7$ ← 7 is the opposite of -7, so add -7 to both sides

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$x+0=13$

$x=13$ ← x is now alone

NOTICE: in each line, both sides are always equal and equal signs are lined up

Practice Problems--Write the problem--The answer here is not important--the objective is to use correct algebraic form.

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1. $a+8=-4$
2. $4=x+2$
3. $c-9=3$
4. $6=5+x$
5. $b-10=8$
6. $7+x=5$
7. $t+6=-4$
8. $9=10+x$
9. $4+n=4$
10. $x-8=-8$
11. $-12+p=18$
12. $5=9+z$
13. $6+x=-4$
14. $f-8=-3$
15. $5+x=-1$
16. $n-2=9$
17. $3=x+5$
18. $x-8=4$
19. $5+x=10$
20. $7=1+d$
21. $-4+a=-4$
22. $x-9=-2$
23. $-7+n=-5$
24. $15+t=10$
25. $x-9=-8$
26. $x-3\frac{1}{4}=6\frac{1}{2}$
27. $-4\frac{1}{3}+x=3\frac{2}{9}$
28. $4\frac{2}{5}+p=7\frac{9}{10}$

Math
Wednesday 3/8/2017

Today, we are going to continue to practice working with equations.

Infinite Algebra 1 Name_____

One-Step Equations

Date_____ Period____

Solve each equation.

1) $26 = 8 + v$

2) $3 + p = 8$

3) $15 + b = 23$

4) $-15 + n = -9$

5) $m + 4 = -12$

6) $x - 7 = 13$

7) $m - 9 = -13$

8) $p - 6 = -5$

7) $m - 9 = -13$

8) $p - 6 = -5$

9) $v - 15 = -27$

10) $n + 16 = 9$

11) $-104 = 8x$

12) $14b = -56$

13) $-6 = \frac{b}{18}$

14) $10n = 40$

15) $\frac{v}{8} = 2$

16) $16 = \frac{k}{11}$

17) $-15x = 0$

18) $-17x = -204$

19) $21 = -7n$

20) $\frac{m}{4} = -13$

21) $-126 = 14k$

22) $-143 = -11x$

23) $-16 + x = -15$

24) $-5 = \frac{a}{18}$

{−9}

{15}

23) $-16 + x = -15$

24) $-5 = \frac{a}{18}$

25) $-17 = x - 15$

26) $n - 8 = -10$

27) $\frac{v}{7} = 8$

28) $a + 11 = 20$

29) $-7 + m = 8$

30) $18 + m = 8$

Create your own worksheets like this one with **Infinite Algebra 1**. Free trial available at KutaSoftware.com

Math
Thursday 3/9/2017

Lets Play a game! Youll need a whiteboard, cloth, and marker!

Math
Friday 3/10/2017

One Step Equations

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Equation: An equation is a number sentence.

Examples: n + 5 = 12 y quarters = $4

Variable: A variable is a letter that replaces a number.

Examples: n + 5 = 12 y quarters = $4

When you have a one step equation, ask yourself these 2 questions:

1. What is the equation asking?
2. What do I need to know to find the answer?

Example:

$4 = y quarters

1. What is the equation asking?

   How many quarters are in $4

2. What do I need to know to find the answer?

   How many quarters are in one dollar

One Step Equations - Background for Money

Number of quarters in one dollar: [redacted]

Number of dimes in a dollar: [redacted]

Number of nickels in a dollar: [redacted]

Number of pennies in a dollar: [redacted]

Drag the answers out of the box & place them in the correct rectangle.

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One Step Equations - Background for Time

Drag the answers out of the box & place them in the correct rectangle.

Number of months in a year: [ ]

Number of weeks in a year: [ ]

Number of days in a year: [ ]

Number of days in a month: [ ]

Number of days in a week: [ ]

Number of hours in a day: [ ]

Number of minutes in an hour & seconds in a minute: [ ]

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Fishing for One Step Money Equations

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Team 1	Team 2
0	0