

Math 7 - Unit 2b

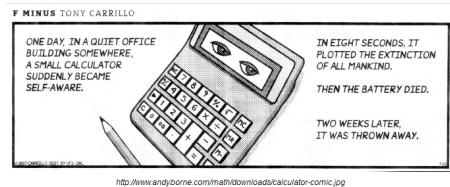
Day 7 - Getting to Know Your Calculator

Lesson Objectives:

- I can use my calculator to complete arithmetic.
- I know how to show work when solving equations EVEN IF I USE A CALCULATOR!

How do we treat calculators as a class?

- Keep the calculator clean.
- Get at appropriate time.
- Return to original place at appropriate time.
- Don't drop or throw the calculators!



Locate the following on your calculator:

- negative button (-)
- pi button π
- carrot button \wedge
 3^2
- parenthesis ()
- "square" button x^2
 4^2

Move the rectangular to show the correct buttons.



Get your calculators ready!

- $-2.4 \times 3.2 = -7.68$
- $4.1 + -12.9 = -8.8$
- $-3.2 - (-4.2) = 1$
- $2.6 + (-1.4) = 1.2$
- $7.8 \div -2.5 = -3.12$



- How to write a fraction

$$\frac{4}{5} \quad 4 \text{ A} \frac{4}{5}$$

- How to write a mixed number

$$3\frac{1}{2} \quad 3 \text{ A} \frac{1}{2} 1 \text{ A} \frac{1}{2}$$

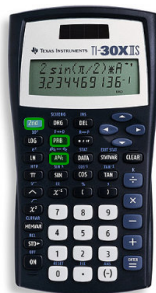
- How to switch between mixed numbers to fractions

$$\frac{4\frac{7}{9}}{17\frac{1}{6}} \quad 4 \text{ A} \frac{7}{9} 2^{\text{nd}} \text{ A} \frac{1}{6} = \frac{43}{17}$$

- How to switch between fractions and decimals

$$\frac{11}{20} \quad 11 \text{ A} \frac{11}{20} 2^{\text{nd}} \text{ PRB} = 0.55$$

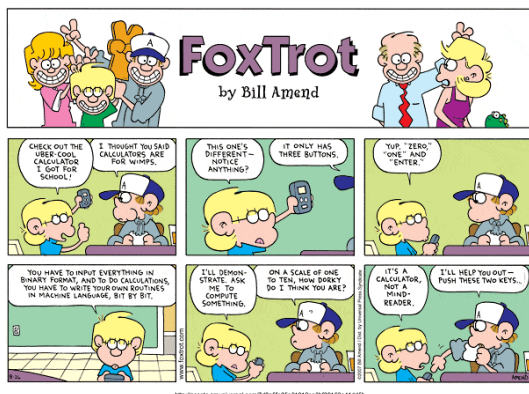
$$0.125 \quad 0.125 2^{\text{nd}} \text{ PRB} = \frac{1}{8}$$



Get you calculators ready!!

- $4 \frac{1}{2} + 2 \frac{2}{3} =$
- $7 \frac{9}{10} - 13 \frac{2}{5} =$
- $-2/4 \times 3 \frac{2}{7} =$
- $3 \frac{1}{9} \times -1 \frac{2}{8} =$
- $2 \frac{1}{4} \div 3/4 =$
- $-2 \frac{6}{11} - (-3 \frac{1}{3}) =$
- $3 \frac{10}{13} \div 5 \frac{2}{7} =$





Homework

Calculator Fairy Tales

* Individual Think Time *



Today we're working by...



What to do if you get stuck...

1. **Reread the problem.** Did you write it down correctly?
2. **Reread your notes.** Is there a problem similar that we did together in class?
3. **Find a problem similar in your book.** Try this one to see if it helps.
4. **Skip the problem until the end of Individual Think Time.** Then ask an "educated" question of a neighbor or Mrs. Call.