

Math 7H - Unit 2b

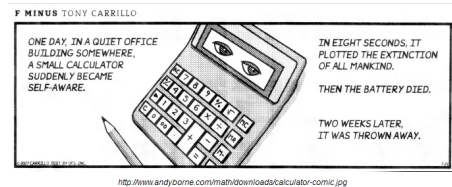
Day 7 - Getting to Know Your Calculator

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:

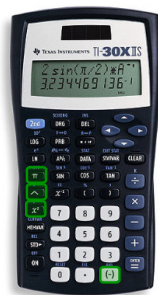
- negative button (-)
- pi button π
- carrot button $\hat{}$
- parenthesis ()
- "square" button x^2

Handwritten examples:

$$3^4 = 81$$

$$2 \times^2 = 4$$

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

Handwritten example: $\frac{4}{5} = 4 \text{ A} \frac{1}{5}$

- How to write a mixed number

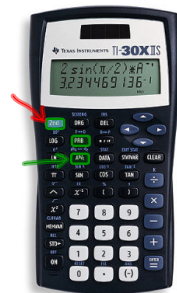
Handwritten example: $3\frac{1}{2} = 3 \text{ A} \frac{1}{2} 2$

- How to switch between mixed numbers to fractions

Handwritten examples: $4\frac{7}{9} = 4 \text{ A} \frac{7}{9} 2^{\text{nd}} \text{ A} \frac{1}{2}$, $17\frac{1}{6} = 17 \text{ A} \frac{1}{6} 2^{\text{nd}} \text{ A} \frac{1}{2}$

- How to switch between fractions and decimals

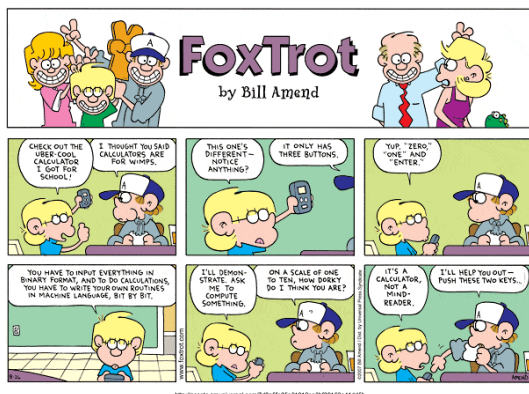
Handwritten examples: $\frac{11}{20} = 11 \text{ A} \frac{11}{20} 2^{\text{nd}} \text{ PRB}$, $0.125 = 0.125 2^{\text{nd}} \text{ PRB}$



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 *



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.

Today we're working by...

