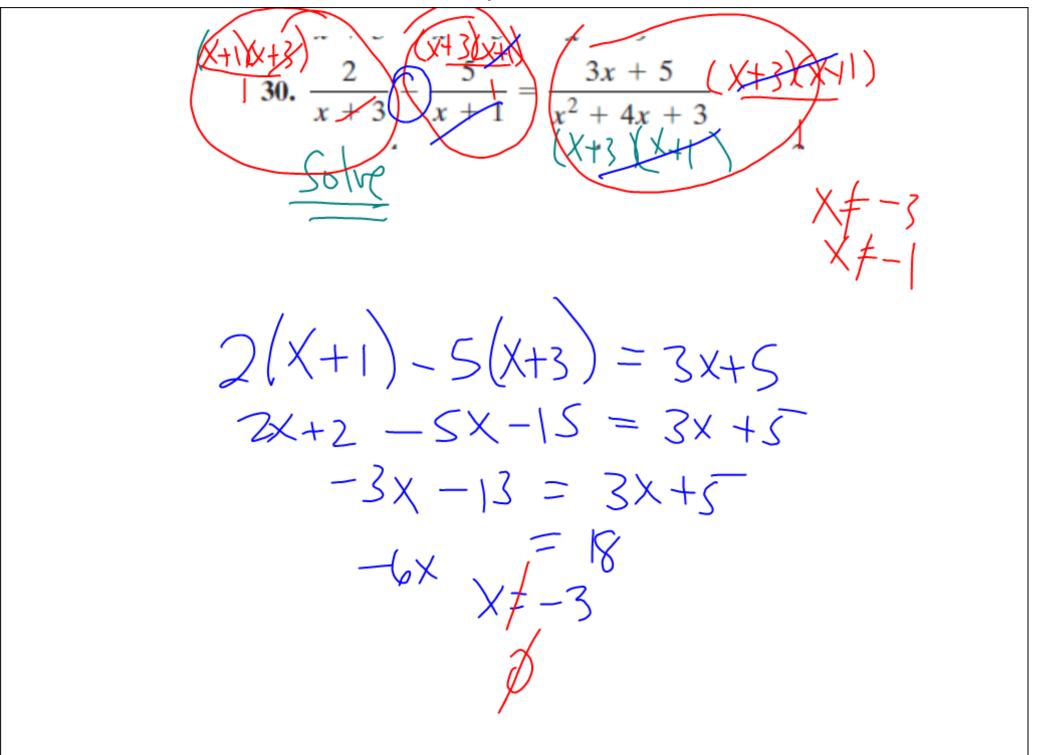
October 06 2011_12noon.gwb - 1/9 - Thu Oct 06 2011 12:01:31



11. 7 Applications Formulas - Heral equations Average bost Motor r.t=1

Formulas_

$$P(1+r) = A$$

$$P(1+r) = A$$

$$P(1+r) = A$$

$$P+RO = A$$

$$1+r = A$$

$$r = A-P$$

(f, th) (f) = fif2(frth) solve for f, (f, th)

$$f(f_{1}+f_{2}) = f_{1}f_{2}$$

$$f(f_{1}+f_{2}) = f_{1}f_{2}$$

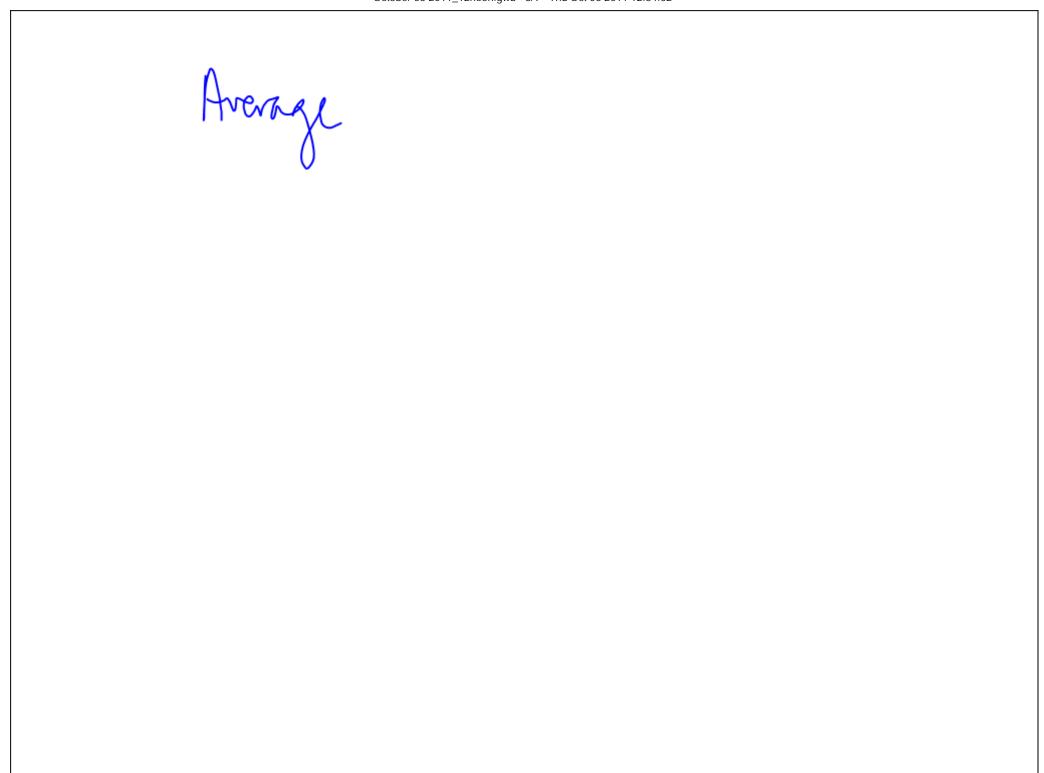
$$f(f_{1}-f_{1}) = -f_{2}$$

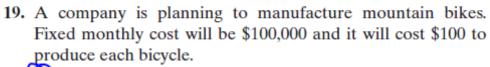
$$f(f_{1}-f_{2}) = -f_{2}$$

$$f_{1} = -\frac{f_{2}}{f_{2}}$$

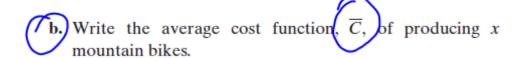
$$f_{1} = -\frac{f_{2}}{f_{2}}$$

$$f_{1} = -\frac{f_{2}}{f_{2}}$$





Write the cost function, C, of producing x mountain bikes.



How many mountain bikes must be produced each month for the company to have an average cost of \$300 per bike?

$$\frac{1}{200} = \frac{100000 + 10000}{1000}$$

$$300X = 100,000 + 100X$$

$$200X = 100000$$

$$X = 500 bikes$$