chap6.notebook July 08, 2010

6.1 Exponent properties

$$\chi^{n} \times^{m} = \chi^{n+m}$$

multiply with same base \Rightarrow add exponents

 $\frac{\chi^{n}}{\chi^{m}} = \chi^{n-m}$

dividing by same base \Rightarrow subtract exponents

Jul 8-10:52 AM Jul 8-2:22 PM

6.2 more exponents

$$\left(\chi_{\text{M}}\right) = \chi_{\text{M-U}}$$

$$= (5.5)(5.5)(5.5) = 5_{\ell}$$

 $(x\lambda)_{w} = (x\lambda)(x\lambda)(x\lambda)$ $= (x\lambda x\lambda x\lambda)$ $= xxx\lambda \lambda\lambda$ $= xxx\lambda \lambda\lambda$ $= xxx\lambda \lambda\lambda$ $= xxx\lambda \lambda\lambda$

Jul 8-10:53 AM Jul 8-2:26 PM

6.3 simplifying polynomials

monomial: an expression with

exactly one term

Polynomial: an expression with

more than one term

monomial 3X
polynomial 3X+6+y2

6.4 Adding polynomials

add like tems

y3+3y2-9y

-(3y2-8y+4)

y3-9y+8y-4

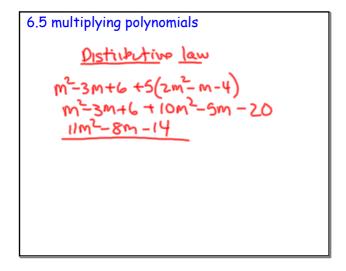
y3-9y-8y-4

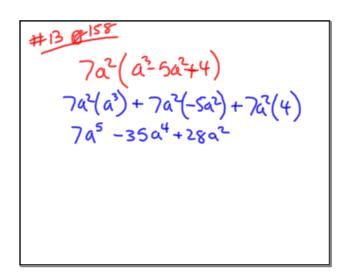
y3-y-4

Jul 8-10:53 AM Jul 8-10:55 AM

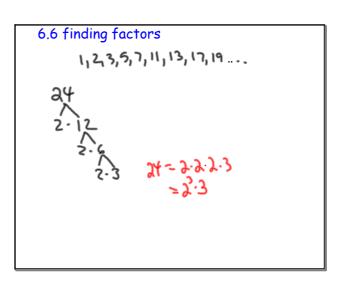
1

chap6.notebook July 08, 2010

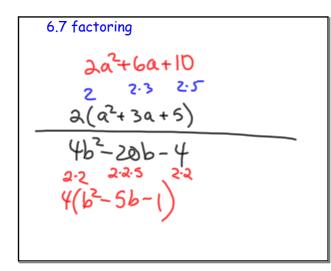


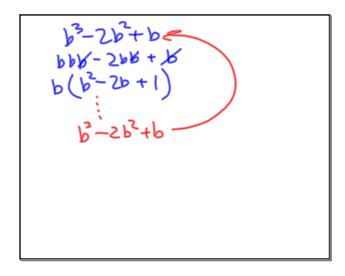


Jul 8-10:56 AM Jul 8-2:39 PM



Jul 8-2:42 PM Jul 8-10:56 AM

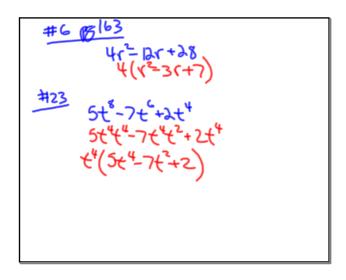


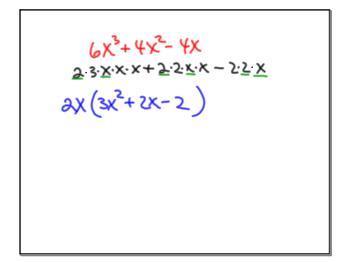


Jul 8-10:56 AM Jul 8-2:52 PM

2

chap6.notebook July 08, 2010



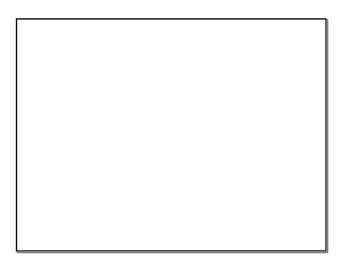


Jul 8-2:50 PM Jul 8-2:57 PM

5y 4m+2 (1+ 2y4)

Homework Page 166 9,11,13,15,21,23,27,31,35,43,45,47

Jul 8-3:00 PM Jul 8-10:57 AM



Jul 8-10:58 AM