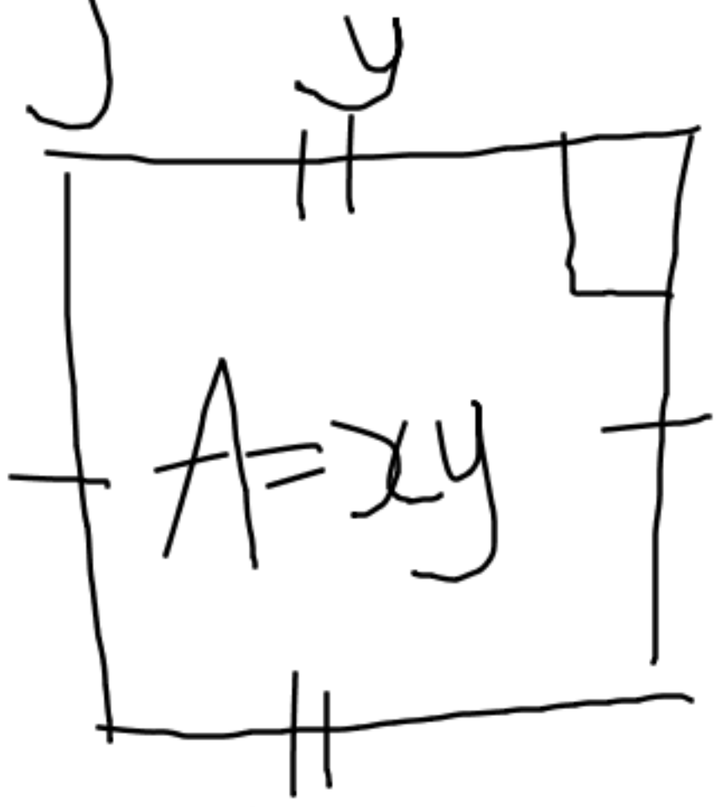
Oct 28 Classwork p. 324

Dividing Monomials

45a)



∴ the width is x

Find the width

$A = LW$

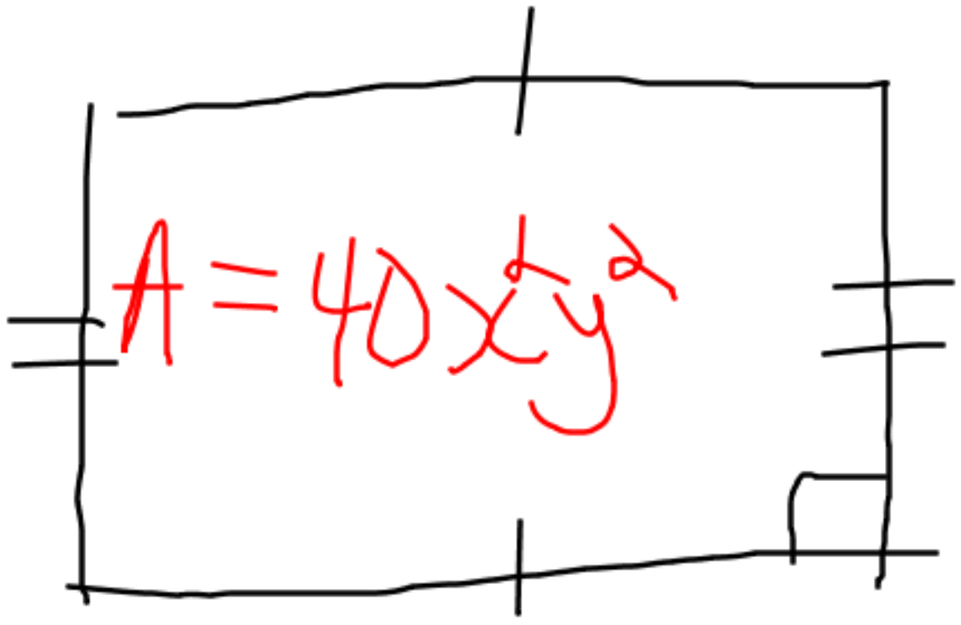
$W = \frac{A}{L}$

$W = \frac{xy}{y}$

$W = x$

46 a)

$5xy$



$$L = \frac{A}{w}$$

$$L = \frac{40x^2y^2}{5xy}$$

$$L = 8xy$$

∴ the length is $8xy$

back of sheet

Dividing Polynomials by Monomials

14. $\frac{12xy - 15y^2 + 24y}{3y} = \frac{12xy}{3y} - \frac{15y^2}{3y} + \frac{24y}{3y}$

$= 4x - 5y + 8$

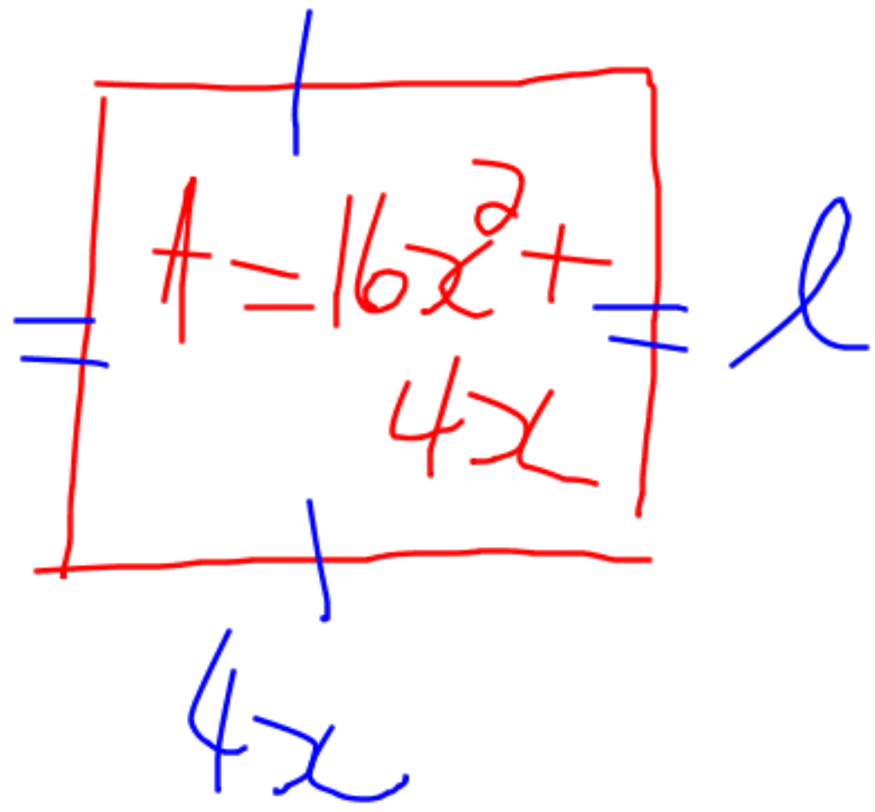
14. $\frac{9x^3 - 24x^2 - 15x}{-3x \quad -3x \quad -3x}$

$= -3x^2 + 8x + 5$

20. $\frac{-20x^3yz + 30x^2y^2z - 40xy^3z}{-10xyz \quad -10xyz \quad -10xyz}$

$= 2x^2 - 3xy + 4y^2$

25a)



$$l = \frac{A}{w}$$

$$l = \frac{16x^2 + 4x}{4x} \qquad 4x$$

$$l = 4x + 1$$

∴ the length is $(4x+1)$ units

→ Finish board questions

→ Sit down + do homework

Finish p. 324

Dividing Polynomials by Monomials - back of page.