

p. 300

Oct
5

39. $(-p + 5q - 8r - q + 3p) + 9r + 1$

$= 2p + 4q + r + 1$

43. $(2x^2 + x) + (x^2 + 4x)$

$= 3x^2 + 5x$

44. $(1a^2 - 4a - 5a + 3a^2)$

$$= 4a^2 - 9a$$

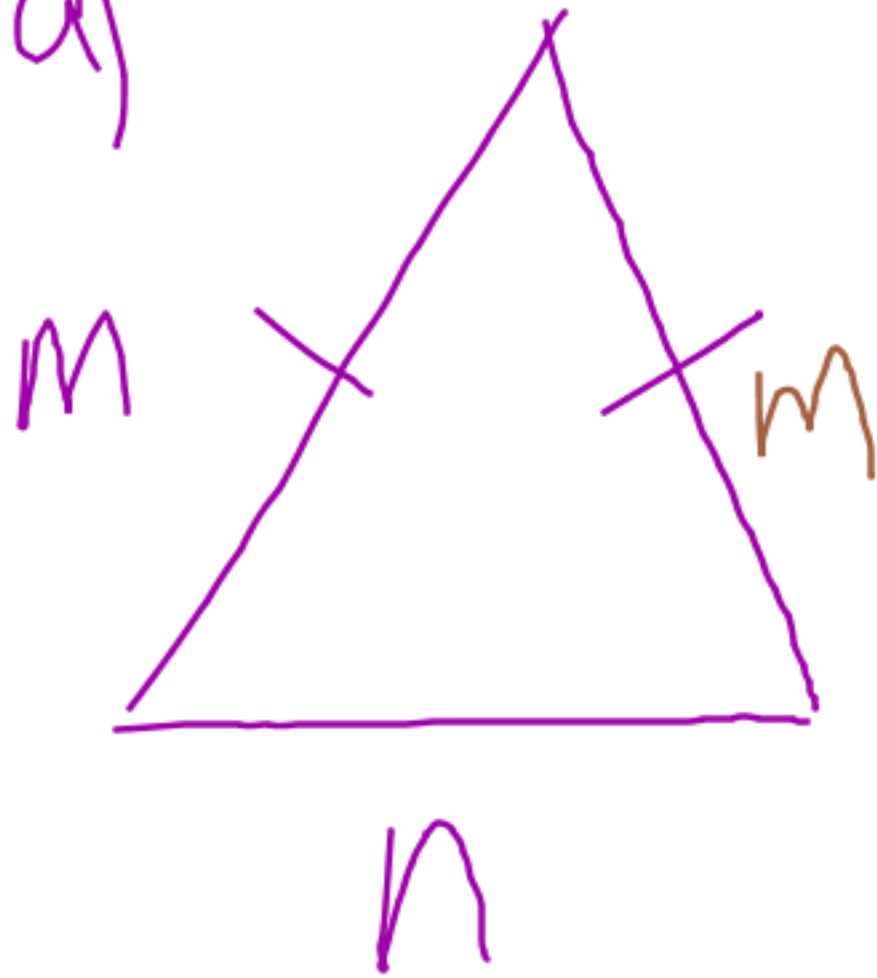
48. $7t - 3t$ when $t = 3$

$$= 4t$$

$$= 4(3)$$

$$= 12$$

57 a)

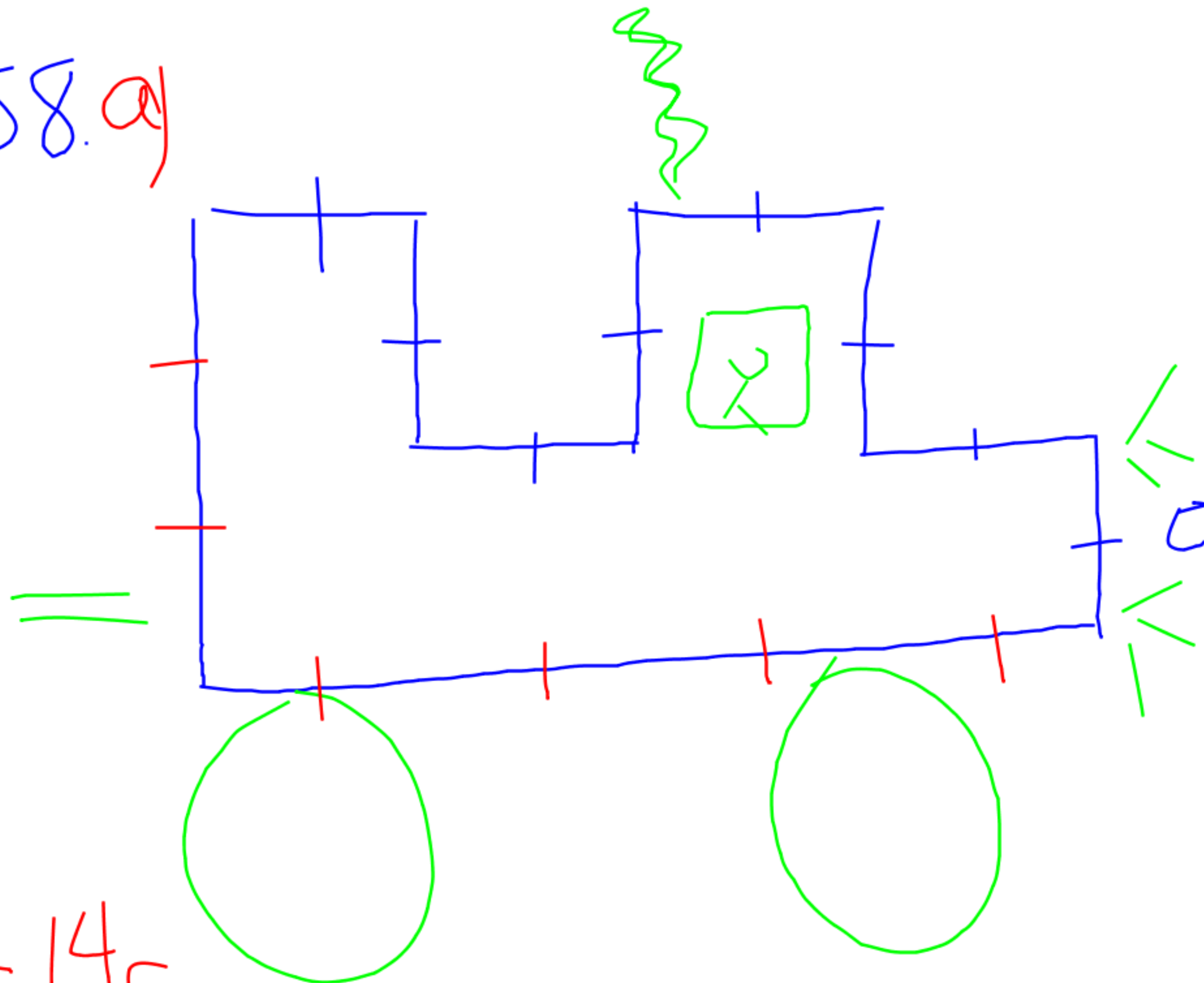


Perimeter is the distance along the outside edges

$$P = m + m + n$$

$$P = 2m + n$$

58. a)



$P = 14C$

P. 305 Polynomials

1. $5xyz$ one term monomial
2. $x + 2y$ two terms binomial
3. $a - 2b + 3c$ 3 terms trinomial
4. $x^2 + y^2$ binomial
5. 23 monomial

7. $25x^1$ degree: 1

8. $25x^2y^2$ degree: 4

9. 17 constant - no degree

11. $-5x^3y^4$ degree: 7

13.

$$5x^2y^2 + 3x^1y^3$$

degree: 4

$$5x^4y^1 + 3xy^{10}$$

degree: 11

14.

$$3x + 2y - 5z$$

degree 1

$$16. 4x^4y^2 + 2x^3y^5 - 23$$

* degree 8

20. descending powers of x

$$1 + x^3 + x^2 + x^5 \\ = x^5 + x^3 + x^2 + 1$$

23. $25xy^2 - 5x^2y + 3x^3y^3 - 4x^4$

$$= -4x^4 + 3x^3y^3 - 5x^2y + 25xy^2$$

p. 309 Adding Polynomials

5. $(2x + 3y) - (4xy) + (5x - 2y) + (6xy)$

$$= 7x + 2xy + y$$

6. 9, 11, 14, 18

Homework.

p. 300-1 finish

p. 305-6

p. 309 thru 19

} For Thurs!