

P. 300

Dct 6

d9.

$$-r \boxed{+5} + 2r \boxed{-2s}$$

31.

$$\begin{aligned} & \overline{r-s} \\ & \frac{\boxed{5x+10+5y} \quad \boxed{-3x} \quad +1}{=} \\ & = 2x + 5y + 11 \end{aligned}$$

$$-71 + 2 + 8r + 9r - 8t$$

$$= 17r - 15t + 2$$

$$\textcircled{39} -p + 5q - 8r - q + 3p + 9r + 1$$

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

$$\textcircled{43} \quad 2x^2 + x + x^2 + 4x \\ = 3x^2 + 5x$$

$$\textcircled{44} \quad a^2 - 4a - 5a + 3a^2 \\ = 4a^2 - 9a$$

48

$$7t - 3t$$

$$= 4t$$

$$t = 3$$

$$= 4(3)$$

$$= 12$$

57a

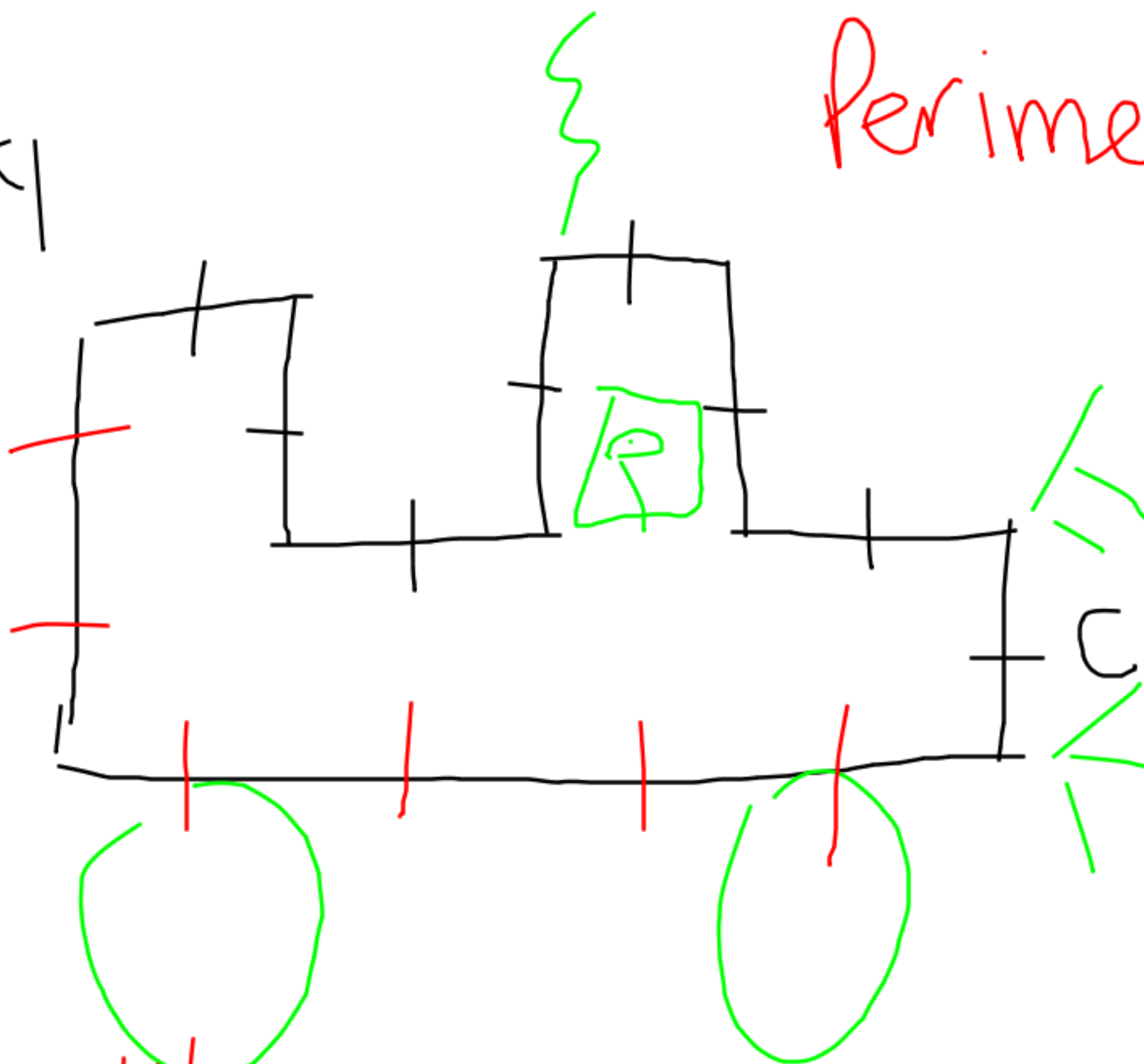


$$P = m + m + n$$

$$= 2m + n$$

58a1

Perimeter



$$P = 14C$$

P. 305 Polynomials

1. $5xyz$ 1 term monomial

2. $x + 2y$ 2 terms binomial

3. $a - 2b + 3c$ trinomial

4. $x^2 + y^2$ binomial

5. 23 monomial

$6. x^2 - y + 2$
trinomial

30x Degree

7. $25x^1$ degree: one

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

9. 17 - constant $\rightarrow$ no degree

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

13. $5x^2y^2 + 3xy^3$

degree 4

degree 4

degree of binomial is 4

14. $3x + 2y - 5z$

degree 1

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

degree: 6 degree: 8

degree of trinomial is 8.

20. $1 + x^3 + x^2 + x^5$

Descending Order
 $= x^5 + x^3 + x^2 + 1$

$$\begin{aligned}
 & \text{ex. } 25xy^2 - 5x^2y + 3x^3y^3 - 4x^4 \\
 & - 4x^4 + 3x^3y^3 - 5x^2y + 25xy^2
 \end{aligned}$$

p. 307 Adding

$$5. \quad \cancel{2x} + \cancel{3y} - \cancel{4xy} + \cancel{5x} + \cancel{2y} + 6xy$$

$$= 1x + 2xy + y$$

51, 586

6, 9, 11, 14, 18, 22, 25, 28

HW:

pg 300/01 → Bottom line

pg 305/6 → 8, 10, 12, 15, 19, 21, 24

pg 309 → 7, 10, 16, 17, 19, 24, 26, 27,
29

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