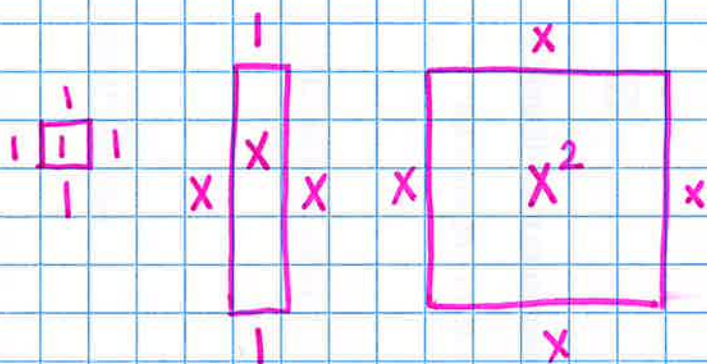


19/20

Lesson 4.3.2

in describe algebra tiles by their area and perimeter and simplify expressions.

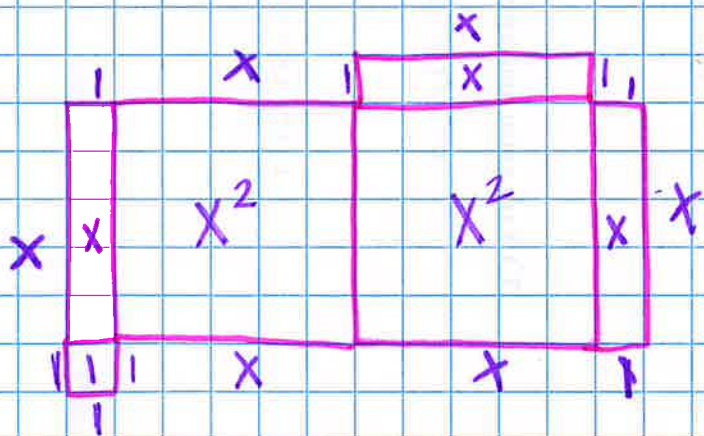
Algebra Tiles



Area: space inside of a shape

Perimeter: total units outside the shape (around)

EX



Area:

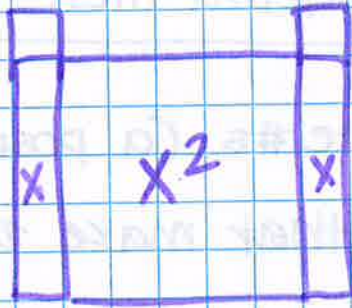
$$2x^2 + 3x + 4$$

perimeter: $6x + 8$

Find the area and perimeter when $x=4$

4-85

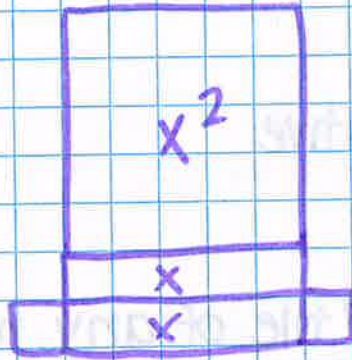
(a)



$$A: x^2 + 2x + 2$$

$$P: 4x + 8$$

(b)



$$A: x^2 + 2x + 2$$

$$P: 8 + 4x$$

(c)



$$A: 2x + 3$$

$$P: 8 + 4x$$

4-86

Area & perimeter of all 3 shapes

when $x = 1$