

20/19

C3 2.1.2

can combine like terms in an algebraic expression.

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**EX**  $\underbrace{3y}_{\text{terms}} + \underbrace{2}_{\text{terms}} + \underbrace{2xy}_{\text{terms}} + \underbrace{4x}_{\text{terms}} + \underbrace{y^2}_{\text{terms}} + \underbrace{4y}_{\text{terms}} + \underbrace{1}_{\text{terms}}$

Like terms: same variable, same exponent, constants

\*  $3y, 4y$

\*  $2, 1$

\*  $2xy$

\*  $4x$

\*  $y^2$

combining like terms: adding similar terms together to create a simplified expression

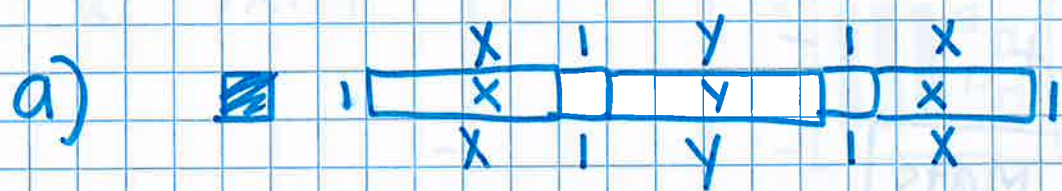
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please complete: # 2-12 (p.50) no draw

# 2-13 (p.91) draw

# 2-14 (p.91) draw

2-13



$$x+1+y+1+x+1+y+1+x+x+1+1 = 4x+2y+6$$