1. b, d, A, C

2. the left-to-right rule

3. 60

5. 12

7. 17

9. 23

11. 41

13. 246

15. 3

17. 34

19. 1

21. 82

23. 300

25. 42

27. 11

29. 16

31. 48

33. 14

35. 46

37. 3

39. $\frac{1}{2}$

41. 128

43. B

45. A

42. B

(40) $\dfrac{3^3+8-7}{2\cdot 7}$

$= \dfrac{27+8-7}{14} = \dfrac{35-7}{14} = \dfrac{28}{14} = \dfrac{2}{1} = 2$

38

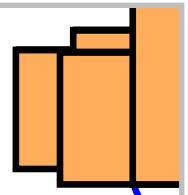
$$\frac{5^2 \cdot 2}{1+6^2-12} = \frac{25 \cdot 2}{1+36-12} = \frac{50}{37-12} = \frac{50}{25} = 2 = 2$$

1.1 - 1.2 Review/ Sort-of

Sept. 6, 2006

- Perimeter: Distance Around an object.
  - * Add-up all the Sides
  - * standard Units

- Area: the amount of Space "Inside" An object (figure)

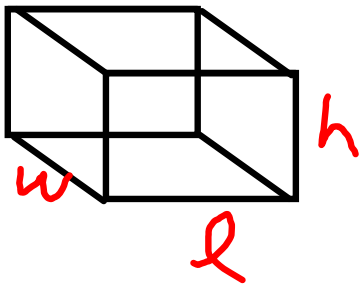


* △ => $A = \frac{1}{2}bh$ b & h always form a 90° ∠

□ ▭ => $A = l \cdot w$ or $b \cdot h$

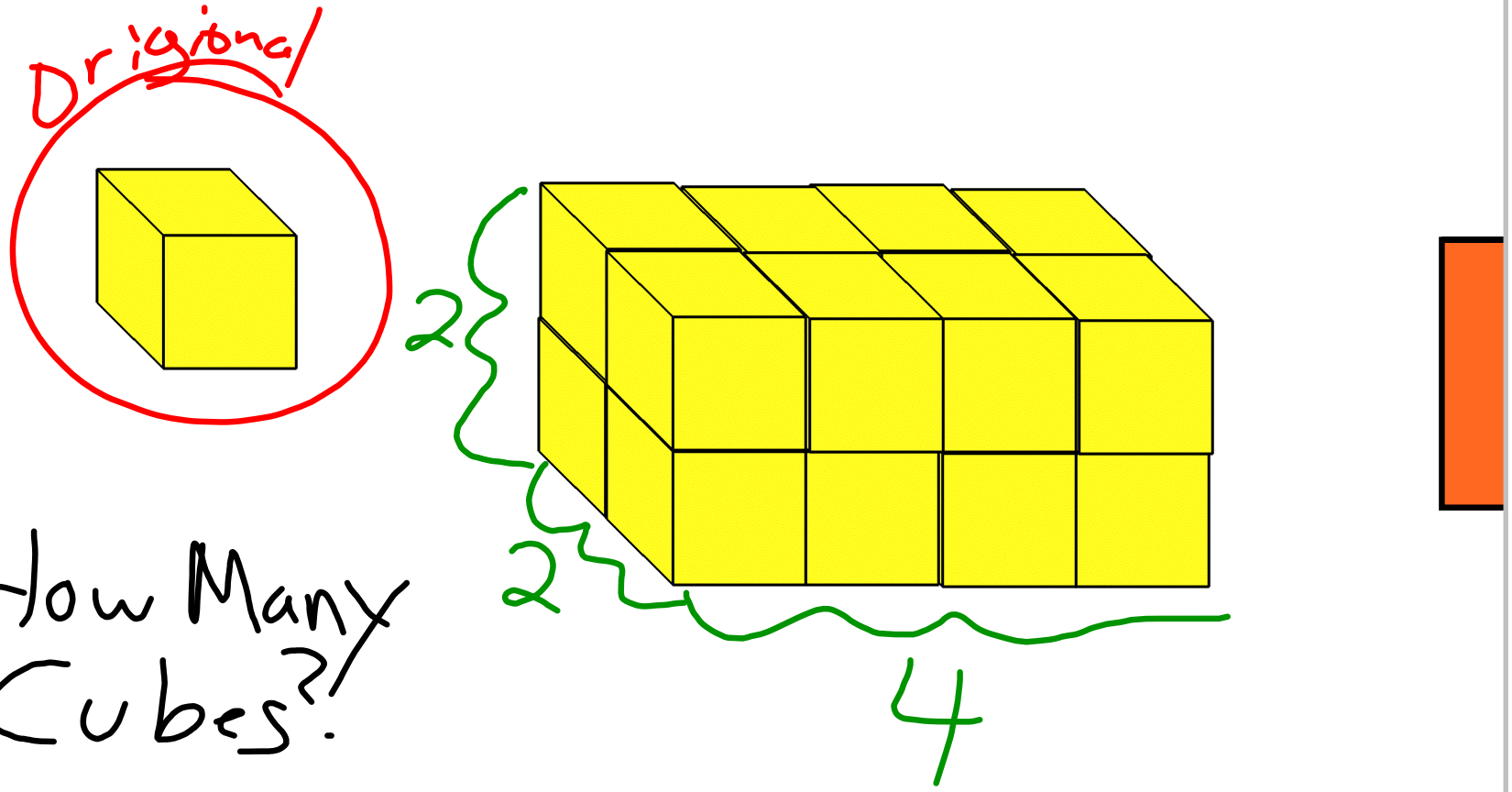
* Squared units

- Volume: the Amount of Space that fills a 3-D object.

* 

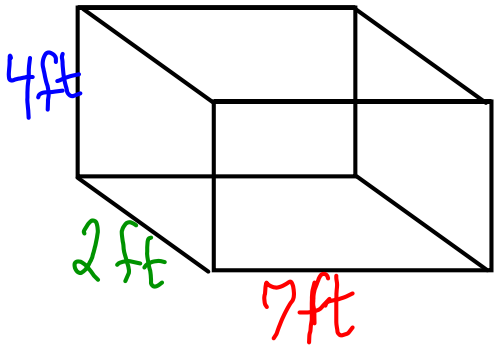
$\Rightarrow V = l \cdot w \cdot h$

* cubed units


Original
2
2
4
How Many Cubes?

find the Volume of a Box that is 4ft by 7ft by 2ft.

- Draw the Picture.



$V = l \cdot w \cdot h$

$= 7ft \cdot 2ft \cdot 4ft$

$= 56 ft^3$

Fraction Bar.

$7^3 = 343$ $\quad 8^3 = 512$

$$\frac{7^3+1-(11\cdot 4)}{2(8^3+8\cdot 11)} = \frac{7^3+1-(44)}{2(512+8\cdot 11)} = \frac{343+1-(44)}{2(512+88)}$$

$$= \frac{344-(44)}{2(600)} = \frac{300}{1200} = \frac{3\cancel{00}^{1}}{12\cancel{00}_{4}} = \frac{1}{4}$$

O.T.L.

① Quiz Thurs.

② Pg 7: 46, 47

Pg 8: 50-66

Pg 13: 58-60

Pg 14: 63, 76-87