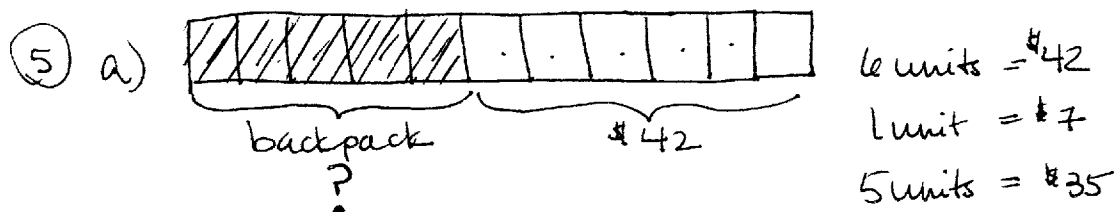
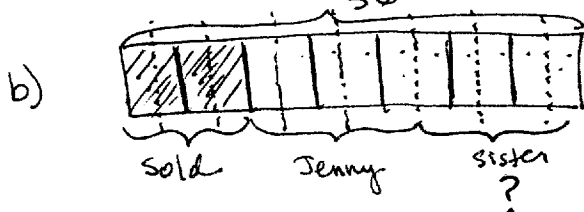


- ④ a) Sam has \$135. He gives \$5 to each friend.
How many friends got money?
- b) Sam has \$135. He gives the money equally to 5 friends. How much money did each friend get?
- c) A cookie recipe calls for $3\frac{3}{4}$ cups of flour.
If you have 32 cups of flour, how many batches of cookies can you make? (note: if you work this out, you can bake 8 entire batches and have 2 cups of flour left)
- d) After spending $\frac{3}{5}$ of his money on shoes, Joe had \$72 left. How much money did he have to start?
- e) You have $\frac{1}{2}$ cup of sugar. A cookie recipe calls for $\frac{1}{3}$ cup of sugar. How many batches of cookies can you make? (depends on how you interpret this - either 1 entire batch with $\frac{1}{6}$ cup of sugar left or $1\frac{1}{2}$ batches)
- f) 7 children equally share $\frac{3}{5}$ gallon of juice. How much does each child get?



The backpack costs \$35.



14 units = 56
1 unit = 4
5 units = 20

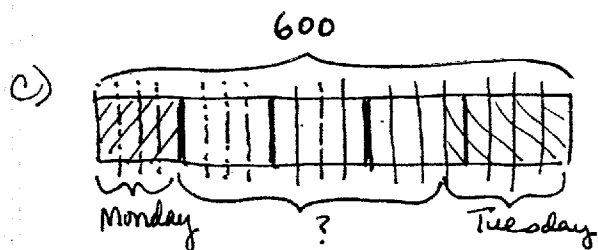
Her sister got 20 candles

Note: This one is easy to do mentally

Jenny sold $\frac{2}{7}$ (56) or 16 candles

She has $56 - 16 = 40$ candles left

$40 \div 2 = 20$ So she and her sister each get 20 candles



$$20 \text{ units} = 600$$

$$1 \text{ unit} = 30$$

$$11 \text{ units} = 330$$

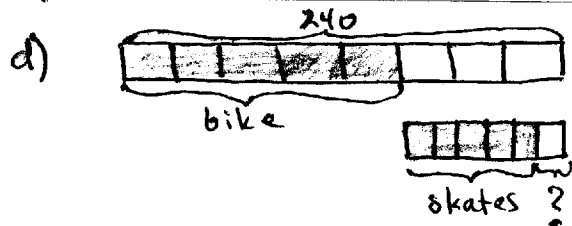
There were 330 loaves left.

$$\text{OR } 600 - \left(\frac{1}{5} \times 600\right) - \left(\frac{1}{4} \times 600\right)$$

$$= 600 - 120 - 150$$

$$= 330$$

There were 330 loaves of bread.



$$8 \text{ units} = 240$$

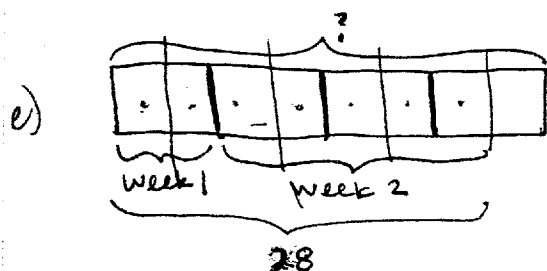
$$1 \text{ unit} = 30$$

$$3 \text{ units} = 90$$

$$6 \text{ small units} = 90$$

$$1 \text{ small unit} = 15$$

He had \$15 left.

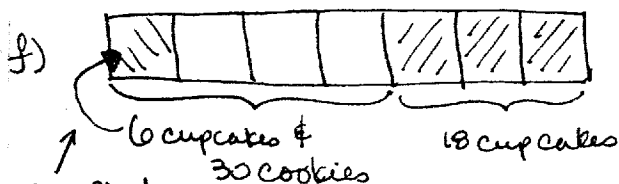


$$7 \text{ units} = 28$$

$$1 \text{ unit} = 4$$

$$8 \text{ units} = 32$$

There were 32 puppies to start.



$$3 \text{ units} = 18 \text{ cupcakes}$$

$$1 \text{ unit} = 6 \text{ cupcakes}$$

you find this out while working out the problem

She used $\frac{3}{7}$ of flour for cookies. (The UNSHADED part)

⑦

a) Let x be the number

$$512 = \frac{8}{9} \cdot x$$

$$\text{So } x = 512 \cdot \frac{9}{8}$$

$$x = 64 \cdot 9$$

$$x = 576$$

The number is 576

b) Let c be the number of chickens
 $\frac{2}{7}c$ is the number of roosters
 $\frac{5}{7}c$ is the number of hens

$$\frac{5}{7}c = \frac{2}{7}c + 21 \rightarrow \frac{3}{7}c = 21$$

$$\text{So } c = 21 \cdot \frac{7}{3} = 49$$

There were 49 chickens

c) Let m = amt of money Harold had
 $\frac{1}{3}m$ is the cost of a T-shirt

$\frac{2}{3}m$ is the amt of money left after T-shirt

$\frac{3}{5}(\frac{2}{3}m) = \frac{2}{5}m$ is the cost of the shorts

$$m - \frac{1}{3}m - \frac{2}{5}m = 12$$

$$m - \frac{5}{15}m - \frac{6}{15}m = 12$$

$$\frac{4}{15}m = 12$$

$$m = 12 \cdot \frac{15}{4} = 3 \cdot 15 = 45$$

He had \$45 to start.