Architects Painters Baker/Chef	Architects, Baker/Chef, Painter.	Architect, meditation, baker,chef,
banking and fiance.	Sports Math teachers Offices Chemistry Bakers	Accountants, Architect, scientists

Too High: 10 Too Low: 0 Just Right: 3	High- 10 Low- 4 Just Right- 6	High- 5 Medium-4 Low-3
High 8 Low 2 Just Right 3	High: 6 Low: 2 Just Right: 4	High-60 Packets Low-30 Packets Just Right-45 Packets


We need to know the amount of sugar in grams in each 20 oz bottle and the amount of sugar in grams in each sugar packet. This is so that
How many grams of sugar are in soda? How many grams of sugar are in a sugar packet?
-How many grams of sugar there are in a soda bottle?
-How many grams of sugar there are in a sugar packet?
How many sugar packets they ate
How many grams of sugar there are in a sugar packet
You need to know how many grams are in a sugar packet. Also you nedd to know how
The amount of mL in the 20oz bottle?
How many packets per ounce of soda?
There are 16 packets of sugar. 6
16 packets
16 and a quarter pack of sugar.
There are 16 1/4 packs of sugar in a 20 fl oz soda bottle.
The answer is 16.25 packets of sugar.
About 16 and a quarter pack of sugar.

water	changes i will try and make is to be more noticeable with labels. It will affect my choices of beverages, by drinking water maybe ...	I learned that drinks I buy have a lot of sugar in them. I will try to look at how much sugar is in each drink I buy. I will drink less sodas and drink more water.	I will try to purchase less sugary drinks. I will also check nutrition facts.
I will change the amount of sweet drinks and this lesson will affect my choice of beverage because I will drink more water and less sweet drinks.	I will try to drink less of these sugar filled concoctions, and continue to drink lots of water.	I learnt how to actually do proportions. I will totally try to drink iced water or iced tea from now on because i dont want diabetes.	-I learned that there is a lot of sugar in soda, which can get you sick. -I will drink more water and a lot less soda.
I will drink to continue to drink water and not soda.	I will continue to only drink water.	The changes I will try and make will be to drink more water and less soda.	I learned how many packets of sugar are in beverages. I will continue to only drink water.

Soda:

$\frac{\text{grams}}{\text{packet}}$ $\frac{4}{1} \times \frac{65}{x}$

$4 \cdot x = 64 \cdot 1$

$\frac{4x}{4} = \frac{65}{4}$

$x = 16.25$

OJ: $\frac{\text{grams}}{\text{packet}}$ $\frac{45}{x} = \frac{44}{x}$

$4 \cdot x = 45 \cdot 1$

$\frac{4x}{4} = \frac{45}{4}$

$x = 11.25$

POWERADE: $\frac{14}{x} = \frac{4}{1}$

$\frac{4x}{4} = \frac{14}{4}$

$x = 35$ packets

3.5 packets in one bottle

Mountain Dew: $\frac{30}{x} = \frac{4}{1}$

$\frac{4x}{4} = \frac{30}{4}$

$x = 7.5$ packets

19 packets per bottle

Soda — Amount of sugars pact

1 65 g in a Soda 4 g sugar

- company grams to packet
- $\frac{\text{grams}}{\text{packets}} = \frac{4}{1} \times \frac{65}{x} \rightarrow 4 \cdot x = 65 * 1 \rightarrow \frac{4x}{4} = \frac{65}{4}$
- $X = 16.25$

Orange Juice

45g in Orange Juice 64g in Soda

$\frac{\text{Grams}}{\text{Packets}}$ $\frac{64}{}$

Powerade

$\frac{14g}{3.5} \times \frac{30g}{7.5}$ (105) $\frac{3.5}{14} * \frac{8}{}$ $\frac{30}{120} * \frac{14}{}$

300

420

Per 8 ounce servings

14 packs in one bottle

Hawa lemonade

$\frac{112}{4} =$ (28 packets of sugar)

$4\overline{)112}$ → 28, -8, 32

Milkshakes chocolate

$\frac{137g}{4}$ (34.25) $4\overline{)137}$ → -12, 17, -16, 10

34.25g of sugar

Three Act Proportions

12/6/19

What information is needed to solve the problem.

- How many sugar packets they ate
- How many grams of sugar there are in a sugar packet and soda.

$65\text{ g} : 4\text{ g} =$

16.25
$4\overline{)65}$
4
25
24
10

$\frac{\text{grams}}{\text{packets}}$ $\frac{4}{1} \times \frac{65}{x}$

$4x = 65 \cdot 1$

$x = 16.25$ $\frac{4x}{4} = \frac{65}{4}$

OJ

$\frac{\text{grams}}{\text{packets}}$ $\frac{4}{1} \times \frac{45}{x}$ $4x = 45$

11.25
$4\overline{)45}$
4
5
4
10
8
20
20
0

Power aid

$\frac{\text{grams}}{\text{packets}}$ $\frac{4}{1} \times \frac{14}{x}$ $4x = 14$

$x = 3.5$

3.5
$4\overline{)14}$
12
20
20
0

3.5 per 8 ounce servings.

3.5
$\times 4$
14 packs

Three Act Proportions

Architects, Baker / Chef, Painter

W

64g / 4g = 16.25 packets

64g 55 $\frac{65}{4} = 16.25$

grams to packets

Soda
Cosacola

$\frac{4}{1} \times \frac{65}{x}$

$4 \cdot x = 64 \cdot 1$

11.25 packets

$\frac{4x}{4} = \frac{65}{4}$

$x = 16.25$

OJ grams / packets $\frac{4}{1} = \frac{45}{x}$

$4 \cdot x = 45$

$\frac{4x}{4} \times \frac{45}{4}$ $x = 11.25$ packets

Dr pepper

$\frac{4}{1} = \frac{64}{x}$

16 packets