

Token Gesture

Activity

Mere's school is raising money for sports equipment. Some students are collecting Breakfast Bonanza cereal-packet tokens, which earn the school 40 cents for every token they send in.

1. Mere and some of her friends compare their February results.

a.  I've collected 32 tokens this month. **Allan**

b.  Here's my 28 tokens! **Vaitoa**

c.  My whānau have been helping me, so I have 55 tokens for this month. **Mere**

d.  I've only got 14. **Awahi**

How much money will each person raise?

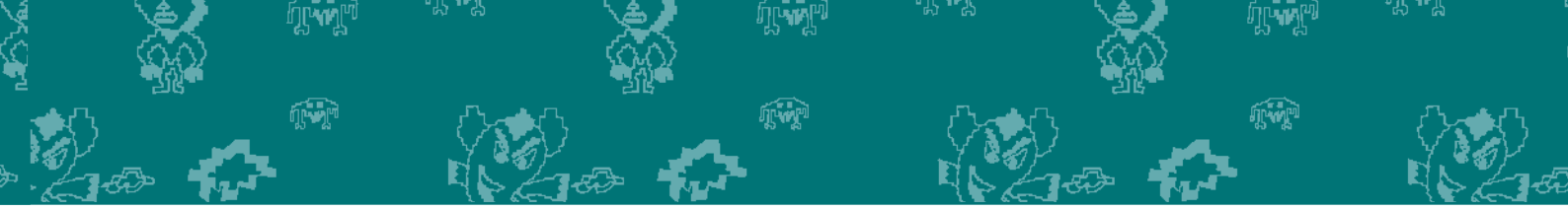
2. For all of March, Breakfast Bonanza has a fund-raising special where they pay a bonus of \$1 for every 5 tokens collected.

March bonus!
\$1 extra
for every 5 tokens
you collect!

So I'll get a \$3 bonus if I collect 19 tokens and a \$4 bonus if I have 20 tokens.

- a. Explain how Mere is working out her bonus.
b. What would Mere's bonus be if she collected:
i. 23 tokens?
ii. 37 tokens?
iii. 48 tokens?





3. Mere is keeping a record of the tokens she collects during March. Copy out her table and finish filling it in.

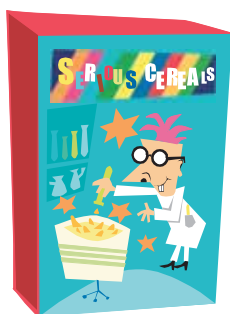
Number of tokens collected	Money I make (including bonuses)
1	\$0.40
5	
9	
10	
12	
15	
20	
23	
25	
100	



4. a. Should Mere send in her tokens as she collects them, or will she raise more money if she waits until the end of March?
 b. Mere's whānau help her to collect 153 tokens. How could she work out how much money this will raise?

5. Mere's friend Rewi raises \$69 from the fund-raising special.
 a. How many tokens did he collect?
 b. Explain what you did to solve the problem.

6.



The Serious Cereals Company is also running a promotion. They pay only 25 cents for each token, but they pay a \$4 bonus for every 10 tokens that are sent in. Which company, Breakfast Bonanza or Serious Cereals, has the better deal? Explain how you worked out your answer.