

Grade 6 Mathematics
Performance Assessment: Student Task: Worksheet

The Frozen Yogurt Sale

Name _____ Date Dec. 5

How much will you charge for each single-scoop cone? \$1.50

How many cones do you think you can sell? 300

1. Find out how much it will cost to buy the cones for your sale.

Cones		
Boxes	Cost	Number of Cones
1	2.25	20
2	4.50	40
3	6.75	60
4	9.00	80
5	11.25	100

I think I need 5 boxes. It will cost \$33.75

2. Find out how much it will cost to buy the yogurt for your sale.

Yogurt		
Cartons	Price	Number of Scoops
1	5.00	15
2	10.00	30
3	15.00	45
4	20.00	60
5	25.00	75

I think I need 20 cartons. It will cost \$100

3. How much money will you have to give to the food bank? Explain your strategy. (Use the back of the page if necessary.)

\$316.25 because if I sold 300 cones and charged \$1.50:
 $300 \times 1.50 = 450$, minus 100 for the yogurt and 33.75 for the cones, $450 - 133.75 = 316.25$