

the problem I am trying to investigate " I am yaking 20 doouts, 10 glazed and 10 chocalate will have to make 20 donuts for as cheap as possible using ingredients from a shop. I will have to go to two shops and compare the prices between the two shops and find which shop will sell's the indedient's cheapest. this is the Recipe , and longedient's I will need + dought the laugh Recipe of dight glaze : 113g unsalled butter 4 cups of Flour 375g confectioners sugar 75g of sugar 1/2 aup or 120HI Milk 1 top of salt 1 2 top of yeast 1-2 top of Vanilla 56g butter 25Mall-recting eggs 14 cups of waln Milk Chocolate icing & 24000 of butter Laup 60g serisweet confectioners Sugar, 2-3 thep boiling

Poses a problem

Records data

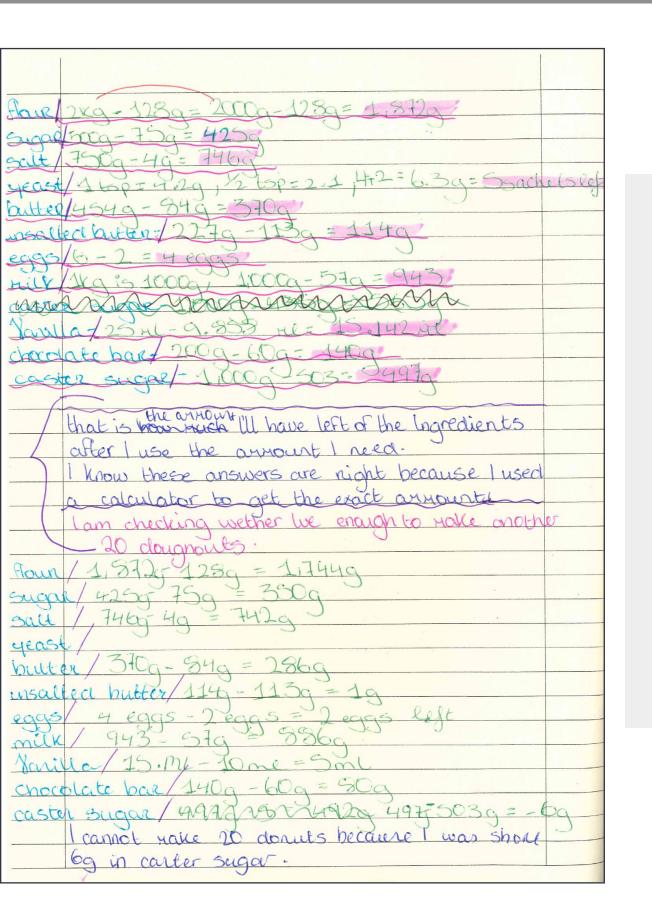


M.		
	In going to compare prices in tesco and Annes	
Stone	Eddar, these are the prices I get in each shape	
	Resco-1	
	plain Plais-E.J.59 2kg	
	Sugar - E.O. 89 500g	
	Salt - ED.44 750g	Chooses an appropriate
	yeast - € 0.99 bx 7g	strategy to engage with the problem
	butter - E 2.19 454g	with the problem
	unsalled butter - E 1.25 227g	
	eggs - E. 1.69 6 Free Range	
	Milk - E O. 99 11	Records data
	castersugar - ED.99 1kg	
	$\lambda_{cnilla} - \in 1.99$ 25M	
	Chocolate bar - E. 1.69 200g	
	Total price - E 14.70	
	£1.59 (
	+0.89	
	€0.99 €2.19	
	± 2°17 €+1°25	
	€+1.69	
	£70.99	
	E 0.99	
	E 1.99	
	\$ 1.69	Follows suitable
1	E14.70	mathematical procedures



ODPS 7XC 0110 110 8x70 TAPP CC norplate 1000 bal .00 Parce - 14.91 E.14.00 +€ am going to do thy shopping Makes a concrete for the Inspectients at tesco € 44 connection to the original question 2.99 because 1 able to get will be € them cheaper there by Uses everyday familiar language to communicate will calculate the appoint of each ideas Ingredient and see how much 1/1 have left after I use some for dougnuts. My 1.00 £14.91 -614.70 2 00.





Revisits strategy



I wasn't able to make 20, but can make 192 Flow - 128, % 20 = 6.4, x 19 = 121. ucar - 754 1/ 20 = 3.75+ 19 = 71 4.201.20=0.21 × 19= 40 - 4g.1. 20 = 0. Sait Jax 19 = 7 1/20=4.2ax19= 84a - 113g1. 20 - 5.65gx 19 = 107.35 unsailed buffer 1005 - 2 120= 0.1 x 19 = 1 .9 (7) nille - 57-1-1-20=2= 95 x 19= 54.15 nl Janilla - 9.333ml 1. 20 = 0.4929 x 19 = 9.3651 rel chocolate ban +60g 1. 20 = 3x 19 = 570 caster sugar - 5030; 7. 20 = 25.15x 19 = 477. 8 was able to make 19 1,871 - 121.6a How 0.40 179 Sugar 429 40 7460 Gal butter insalted 1.6.20 eags 4-2=2 milk 942m Dme Jarilla 15.142ml .7-69mc -9.2 chocolate bar 1400 carter sugar 4970

Follows suitable mathematical procedures



Let al doughnost price For the price £14.70. find the total cost for 1 dougnut Now US 14.70 = 391e = 0.37692308 380 dougnout is € 0.38, to astopper your 00 Dex charge a sustomer ELOO PANAme usill. Make Ezg. douabaou Spent £14.70. €M4.40 € 39 100 ¥14.70 £24.3 * I think my solution was reasonable because 14.70 to make costed MP dougnouts. charged £1,00 per dougnout protit. think tair per dougno Dn average douapout would be apour XIAA Overall happy and hande 900 1 teel hose OSNOD DRICE chose vacod chocolate glazed mathematical also nouage USED and posed prohl \bigcirc

Comments on the reasonableness of the solution and makes concrete connection to the original question.

% profit= profit, x 100 cost = € 24.30 E14.70 × 100 = 165% assumptionsclic not consider the cost the nixer = f.9.99 0) electricity = 10 mins = 10c per 115 Uven = 30 Mins 40 rins of electricity = 30c/ 1,000 Iltoopther= € 10.10 14.70 91.92 24.80

Follows suitable mathematical procedures

Acknowledges assumptions

Overall judgement: In line with expectations