

RESOURCE INCLUDES

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Forms and PDF version
☐ Teacher Instructions
□ 3 Different Levels o
Assignment Sheets
■Assessment Rubric
□Points-Based Grade
□Answer Key

Example Pages

UNIT RATE INFORMATION



Unit Pates

A unit rate is a common method of comparing costs of similar items (e.g. bags of sugar, boxes of laundry soop). People usually prefer to find the cheaper unit rate. The bigger item is usually the cheaper unit, but not always. Do your math to find out!

Unit Rate Formula

latina out the unit rate of an item you must divide the cost of the product by its mass or quantity. Foe example, 12 eggs cost \$299. To find the unit rate, you divide 299 (cost) by 12 (quantity). The unit rate of a dozen eggs is \$0.25/egg.

Formula {Cost / Mass or Quantity}

Things to Know

- You cannot purchase a fraction of a product. You must purchase the full product with the goal of having the least amount left over.
- ★ It might be cheaper to buy more of a product if you are making a large quantity of fudge.
- * Common unit rates are 100g and 100ml any smaller would be too hard to work with.
- ★ 1000g = 1kg & 1000ml = 1L

FOOD PLUS MART Task: Calculate the cost to create 1 tray of fudge.					
158ml Evaporated Milk	\$1.50 / 200ml can				
170g Butter	\$5.00 / 400g stick				
600g Sugar	\$1.99 / 500g bag				
350g Chocolate Chips	\$3.49 / 350g bag				
200g Mini Marshmallows	\$2.29 / 400g bag				

Unit Rate Summative Task Assessment Level 2 Level 3 Level 1 Level 4 ☐ Student has ☐ Student ☐ Student ☐ Student partial and information about the topic. and information about the topic teacher to ☐ Information ☐ Information ☐ Information discuss and is conveyed in a very clear manner. review your is conveyed in missing key words and detail. examples are used. Next Steps: Practise the formula for unit rate. Practise adding, subtracting, multiplying with decimals Practise converting metric units. Add more detail and depth to math journal reflections Feedback:

UNIT RATE INFORMATION



Unit Rates

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Unit Rate Formula

To find out the unit are of a ster you hast divide the cost of the product by it mass or quant. Foe example, 12 eggs cost \$2.99. To be a do not sis \$0.25/egg.

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CALCULATE THE UNIT RATE

Your Task: The Sweetness Bakery has a fudge issue. They must calculate the cost of the ingredients for their fudge from each supplier. Your answers should be accurate to two decimal places.

Ingredient	Store Name	Price & Quantity	Ul Pat
Chocolate Chips	Super Saver Store	\$9.99 / 1kg bag	
Chocolate Chips	Food Plus Mart	\$3.49 / 9 6	
Mini Marshmallows	Super Saver Store	\$\ 9/1kg 9	
Mini Marshmallows	For as	7 400 sag	
Evaporate	rore aver	\$2.19 / 370ml can	
apora.	Mart	\$1.50 / 200ml can	
ier	Super Saver Store	\$5.79 / 454g stick	
Butter	Food Plus Mart	\$5.00 / 400g stick	
Sugar	Super Saver Store	\$2.99 / 2 kg bag	
Sugar	Food Plus Mart	\$1.99 / 500g bag	