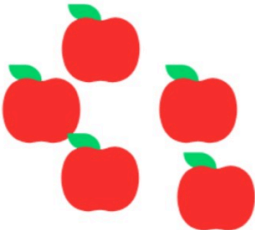
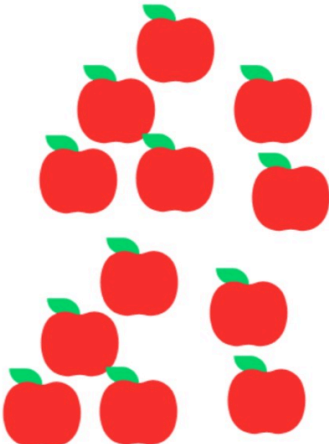


Rates: The Best Buy

A rate compares two quantities with different units (e.g., price per kilogram). To find the best buy, you must calculate the unit rate (usually the price per 1 unit) for each option and choose the lowest price.

Which is the Best Deal?

1. Deal 1 offers 5 apples for \$3, deal 2 offers 12 apples for \$7.50. Which is the better deal? Give a reason for your answer.

<u>Deal 1</u>	<u>Deal 2</u>
	
\$3.00	\$7.50

2. Which deal offers the best price for Pears? Calculate the price per 100g for both deals to justify your answer.

Deal 1



\$2.00 for 800g

Deal 2



\$3.51 for 1300g

3. Two options for buying oranges are shown.

Deal 1	Deal 2
	
1600g of oranges for \$7.20	2.1kg of oranges for \$11.55

(a) Which is the value for money?

(b) How much would 350 grams of oranges cost at each rate?

4. John wants to buy 3.5kg of steak. Which shop should John buy the steak from (deal 1 or deal 2), and how much should he pay altogether?

Deal 1



2kg steak for \$21.98

Deal 2



3kg steak for \$35.97

Supermarket Specials

Use the provided images, which show real supermarket pricing, to answer the questions below. Show all working to find the unit rate.

5. Calculate the price per litre for both the 2L (for \$3.63) and 3L (for \$5.42) bottles of Value Standard Milk. Which one is the better value?



6. You need to buy 12 eggs. The Farmer Brown eggs are available in a 18-pack (for \$11.99) or a 12-pack (for \$7.59). Which pack offers better value for money?



Farmer Brown Fresh Colony Size 6 Eggs 18pk

11⁹⁹_{ea}



Farmer Brown Fresh Colony Size 6 Eggs 12pk

7⁵⁹_{ea}

7. Compare the two options for Anchor Blue Milk (a 2L for \$4.82 bottle, and a 1L bottle for \$2.98). Calculate the price per litre for each and state which is the best value.



Anchor Blue Milk 2l


4⁸²_{ea}



Anchor Blue Milk 1l

2⁹⁸_{ea}


8. Calculate the price per can (330ml) for the 24-pack of Mountain Dew (for \$16.50) and the 6-pack of Mountain Dew (for \$6.99). Which option has the lowest price per can?



EXTRA LOW

Mountain Dew Do The Dew Soft Drink Cans 24 x 330ml


16⁵⁰_{ea}



Mountain Dew Soft Drink 6 x 330ml


6⁹⁹_{ea}

9. Shown are deals for a Mountain Dew 1.5L bottle and a 2L bottle. Which is the better deal?



Mountain Dew Soft Drink 1.5l

1⁹⁹_{ea}



EXTRA LOW

Mountain Dew Soft Drink 2l

2⁹⁹_{ea}

10. Two shops advertise shrimp at the following rates. Sonia needs 2kg of shrimp for a dinner party, which shop should she buy from and how much will she need to pay?

Deal 1



300g of shrimp for \$7.50

Deal 2



500g of shrimp for \$13.00