



Maths Accelerator Centre

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Pri 5/ Pri 6 : Problem Sum Mini Course

Term 3 Lesson 2

1. Heuristics : Part-Whole Concept in Percentage
2. Higher Order Trending Questions

Class Schedule for 2025

Primary Math Schedule: <http://www.parkwaymath.com/schedule-pri/>

Secondary Math Schedule: <http://www.parkwaymath.com/schedule-sec/>

Upcoming Events

Pri 6 : Prelim Revision Master-Class

Pri4/Pri 5 : WA3 Revision Master-Class

Click Here For

Class Schedule & Fees

<http://www.parkwaymath.com/programmes/>

Part-Whole Concept in Percentage

1. A bakery sold a total of 2600 muffins in a day. 45% of the muffins were sold in the morning and 40% of the remaining muffins were sold in the afternoon. The rest were sold in the evening.
How many muffins were sold in the evening ?

2. 1600 adults and 800 children attended the National Day Dinner. 45% of the adults were women and 30% of the children were girls.
What percentage of the spectators were women and girls?

Trending Problem Sums

1. A baker baked some cupcakes for sale on Saturday morning. He sold 65% of the cupcakes on Saturday and found that he had 203 cupcakes left.
 - a. How many cupcakes did the baker bake on Saturday morning?
 - b. He sold the remaining cupcakes on Sunday at a discount of 20%. How much was collected from the sale of cupcakes on both days?

RED/RED/24



2. In June, Mr Chee saved 12 % of his salary.

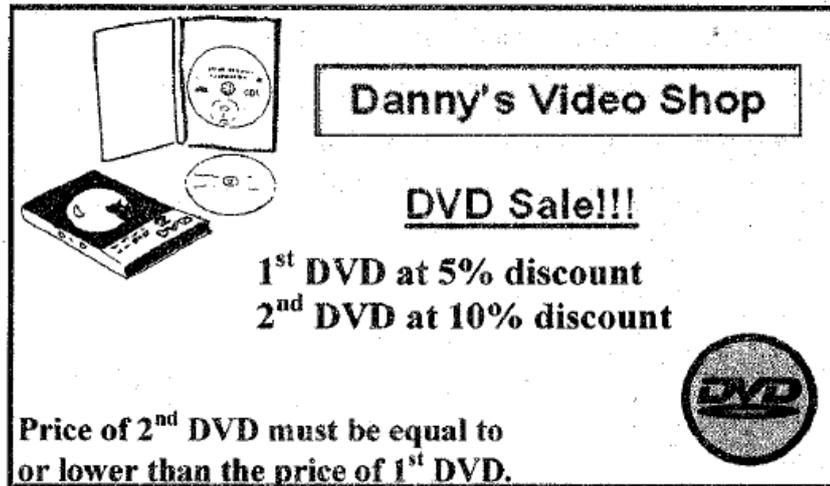
In July, his monthly salary increased by \$500 and he saved 10% of his new monthly salary.

Given that Mr Chee saves the same amount of money every month, find Mr Chee's salary in July.

P5/SCGS/24

3. Lily and Sue bought two DVD at the sale from Danny's Video Shop.

P6/JMPS



Danny's Video Shop

DVD Sale!!!

1st DVD at 5% discount
2nd DVD at 10% discount

**Price of 2nd DVD must be equal to
or lower than the price of 1st DVD.**



- a) Lily's DVDs were priced at \$15 and \$18. How much did she pay for them?
- b) Sue paid a total of \$33.40 for her two DVDs.
She paid \$ 4.60 more for the 1st DVD than for the 2nd DVD.
What was the price of the 2nd DVD before discount?

4. Kim and Hao each bought two books at the sale. (PSLE/2014)



SUNSHINE READER



BOOK SALE!

1st book at 10% discount

2nd book at 20% discount

Price of 2nd book should be equal to or lower than price of 1st book.

- a) Kim's books were priced at \$8 and \$10. How much did she pay for them? [2]
- b) Hao paid a total of \$24.80 for his two books. He paid \$4 more for the 1st book than for the 2nd book. What was the price of the 2nd book before discount? [3]