



Maths Accelerator Centre

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P5 & P6 Problem Sums Mini Course

Term 1 Lesson 1

1. Strategy : Simultaneous Equation
2. Trending Problem Sums

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Strategy 1: Simultaneous Equation

1. 3 mangoes cost as much as 2 durians. Bernard bought 7 mangoes and 4 durians for \$78. Find the cost of 1 mango.

2. The total cost of 2 similar notebooks and a file is \$10.50. 2 such notebooks and 5 such files cost \$26.50. Find the cost of a notebook.

3. During a sale, 2 similar shirts and 1 pair of pants cost \$180. Mr Lim bought 4 similar shirts and 3 pairs of similar pants for \$437. How much did one pair of pants cost?

Trending Questions

- 1) A basket containing 2 identical balls had a mass of 2.8 kg.

After one of the balls was removed from the basket, the mass of the basket with the remaining ball became 2.18 kg. Find the mass of the basket in kg.

GMPS/P5/SA2

2) Scott bought 8 adult tickets to an amusement park. Terry bought 3 adult tickets and 7 child tickets to the amusement park. Scott spent \$ 43.50 more than Terry. Each child ticket cost \$ 11.50. CHS/P5/WA1

- a. Find the total cost of 7 child tickets.
- b. Find the cost of an adult ticket.

- 3) Mary had \$ 486 more than Rachel at first. After each girl spent the same amount of money at a shop, Rachel had $\frac{3}{5}$ of her money left while Mary had $\frac{6}{7}$ of her money left. How much money did they have left altogether?

KCP/P6/WA1

- 4) Shanice had a bottle of shampoo. She used an equal amount of shampoo each day. At the end of 7th day, $\frac{4}{5}$ of the bottle was left. At the end of the 15th day, the amount of shampoo left was 280 ml.

What was the amount of shampoo in the bottle at first?

NY/SA1/22