Maths Accelerator Centre

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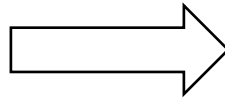
Pri 4 : Problem Sum Mini Course

Term 4 Lesson 2

1. Strategy : Heuristics

2. Higher Order Trending Questions

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Class Schedule for 2023

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

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Upcoming Events

Pri4/Pri 5 : SA2 Revision Booster Class

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Class Schedule & Fees

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Strategy – Grouping

1. Kerry bought some identical notebooks and files from the bookshop.

   Kerry bought twice as many notebooks as the files.

   He paid a total of $ 18.00 for the items. How many files did he buy?

1 Notebook : $ 1.50
1 File : $ 3.00

2. Some adults and children went to a school concert. There were 3 times as many children as adults. The total amount collected from the tickets was $ 24. How many adults went to the charity concert?

1 Adult Ticket : $ 2.40
1 Children Ticket : $ 1.20

3. Mrs Lim baked some chicken pies and apple pies to sell at a charity fair.

   She baked 4 times as many chicken pies as apple pies.

   She sold all her pies and collected $ 30. How many apple pies did she bake?

1 Chicken Pie : $ 0.50
1 Apple Pie: $ 1.00

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Trending Problem Sums

1. The total mass of an empty box and 5 similar metal balls was 2.6kg.

    The total mass of the same empty box and 3 similar metal balls was 2.34 kg.

    a. What was the mass of 1 metal ball?

    b. What was the mass of the empty box?

P4/RGPS/SA2

2. Mrs Lim baked 300 fruit tarts. ½ of them were pineapple tarts, 2/5 of them were strawberry tarts and the remaining were mango tarts.

   a. How many mango tarts did she bake?

   b. Mrs Lim sold the pinepapple and strawberry tarts at 5 for $9. How much would Mrs Lim collect from her sale of all the pinepapple and strawberry tarts?

RGPS/SA2

3.

Sarah gives some erasers equally to her friends. If she gives 6 erasers to each friend, she will need another 4 erasers. If she gives 5 erasers to each friend, she will have 3 erasers left.

(a) How many friends does Sarah have?

(b) How many erasers does Sarah have?

4. Kelly has twice as much money as Hannah. Penny has $ 350 more than Kelly. The three girls have $ 1125 altogether.

    a. How much money does Kelly have?

    b. How much money must Penny transfer to Hannah and Penny so that all three girls have equal amount of money in the end?