Maths Accelerator Centre

1 Marine Parade Central, #12-03, Parkway Centre, S 449408

Tel/SMS/Whatsapp : 87257203   Email : maths.accelerator.centre@gmail.com
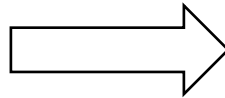
Pri 3 & P4 : Problem Sum Mini Course

Term 4 Lesson 2

1. Strategy : Heuristics
2. Higher Order Trending Questions

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Pri4/Pri 5 : SA2 Revision Booster Class

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Internal Transfer – Before and After Concept

1. There are 62 goldfish in Tank A and 155 goldfish in Tank B. How many goldfish must be moved from Tank B to Tank A so that Tank B has 25 more goldfish than Tank A?

2. There are 30 balls in Box A and 90 balls in Box B. How many balls must be moved from Box B to Box A so that Box B has 30 more balls than Box A?

3. Sara has $ 100 and Jana has $ 40. How much money must Sara give to Jana so that Jana has $ 40 more than Sara?

Trending Exam Questions

1. Terry had $ 392 and Willy had $ 47 at first.

   Their father gave each of them an equal amount of money.

   In the end, Terry had 6 times as much money as Willy.

   How much money did their father gave to each of them?

2   Rectangles and circles are used to form patterns as shown in Figure 1 to Figure 3.

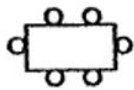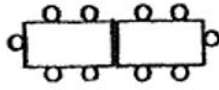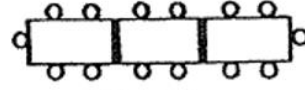| Figure | Figure 1 | Figure 2 | Figure 3 |

Figure number	Number of rectangles	Number of circles
1	1	6
2	2	10
3	3	14

(a) How many rectangles are there in Figure 10?

(b) How many rectangles are there in a pattern with 98 circles?

P4/CHS/SA2

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3.   James had $16.40. He wanted to buy 3 notebooks and 1 pencil case , but he was short of $3.30.

(a) What was the total cost of the 3 notebooks and 1 pencil case ?

(b) The pencil case cost $2.90 more than each notebook. What was the cost of 1 notebook?

4. Venus and Melvin were given some money. Venus spent $\frac{1}{4}$ of her money and had $141 left.

(a) How much did Venus spend?

[1]

(b) Melvin spent two times as much as Venus. He had $\frac{2}{3}$ of his money left. How much did Melvin have in the end?