Maths Accelerator Centre

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

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P5 & P6 Problem Sums Mini Course

Term 2 Lesson 1

1. Strategy : Stacking Model in Fractions

2. Trending Problem Sums

Learn Techniques
To Solve Problem Sums
With High Accuracy

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Strategy 1: Stacking Model in Fractions

1. Tim and Ben saved $ 290 altogether. $\frac{1}{2}$ of Tim's savings was $ 40 more than $\frac{1}{3}$ of Ben's savings. How much money did Ben save?

2. Ali and Bala saved $ 500 altogether. $\frac{1}{3}$ of Ali's saving was $ 50 more than $\frac{1}{4}$ of Bala's saving. How much money did Bala save?

3. Ginny and Hamid saved $ 628 altogether. $\frac{1}{3}$ of Ginny's saving was $ 60 more than $\frac{1}{5}$ of Hamid's savings. How much money did Hamid save?

Strategy 2: Trending Fractions Questions

1. Kexin baked some pineapple tarts. She gave $\frac{2}{7}$ of them to her grandfather and 22 pineapple tarts to her mother. She had 18 pineapple tarts left. How many pineapple tarts did she bake at first?

(P5/WA2)

2. Terry has $22 more than Xin Yi. After Terry spent ½ of her money and Xin Yi spent ¼ of her money, they had the same amount of money left. How much money did Terry have at first?

(P5/WA2)

3. Xavier spent $\frac{2}{7}$ of his money on a laptop and a refrigerator. The refrigerator cost 2 times as much as the laptop. He spent 1/3 of his remaining money on a vacuum cleaner. The laptop cost $ 1320 less than the vacuum cleaner.

a. What fraction of Xavier's money was spent on the laptop?
b. What was Xavier's original sum of money?

(P6.WA2)

4. Devi had 180 butter buns and two times as many kaya buns in the morning. In the afternoon, she baked some butter buns and sold some kaya buns. The number of kaya buns sold was 5 times of the number of butter buns baked. She had the same number of butter buns and kaya buns in the end.

a. How many butter buns did Devi bake in the afternoon?

b. How many buns did Devi have altogether in the end?

(P6.WA2)

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