Maths Accelerator Centre

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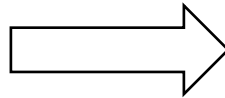
Pri 5/ Pri 6 : Problem Sum Mini Course

Term 3 Lesson 3

1. Strategy 1: Repeated Identity
2. Higher Order Trending Questions

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http://www.parkwaymath.com/

Class Schedule for 2024

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/
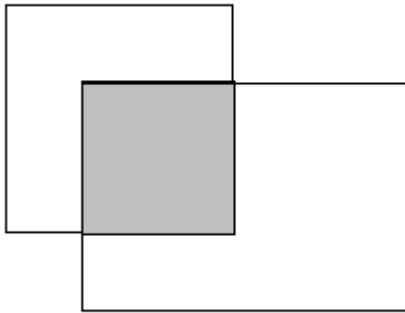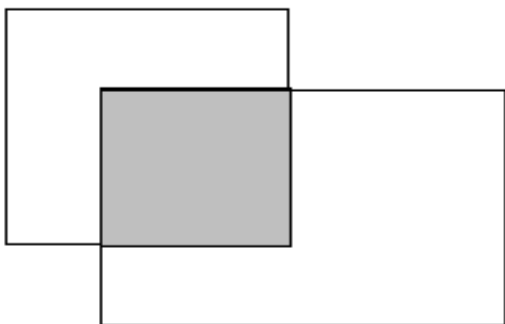
Strategy : Repeated Identity

1. The figure is made up of a rectangle and a square. The area of the square is $\frac{2}{5}$ the area of the rectangle. Given that $\frac{3}{4}$ of the square is shaded and the area of the unshaded part is 72 cm^2, what is the area of the square?

2. The figure is made up of a rectangle and a square. The area of the square is $\frac{3}{7}$ the area of the rectangle. Given that $\frac{4}{5}$ of the square is shaded and the area of the unshaded part is 52 cm^2, what is the area of the square?
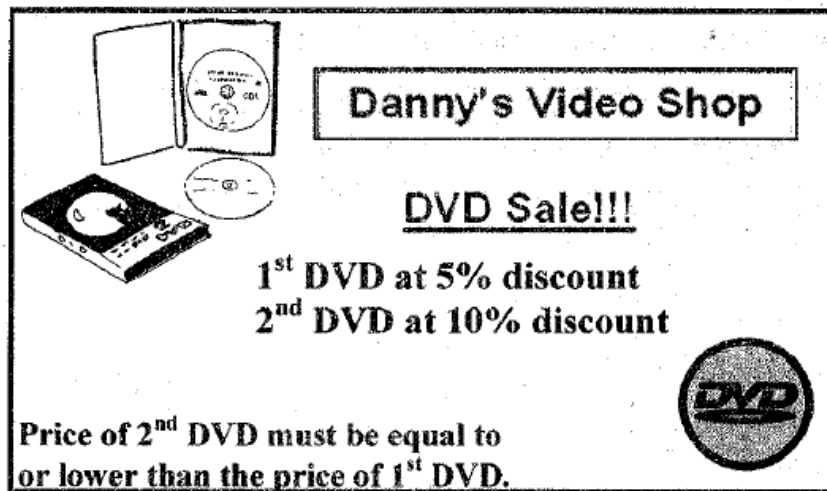
Trending Problem Sums

1. Edwin, Frank and George had $ 243 altogether. After Edwin gave $\frac{3}{10}$ of his money to Frank and $\frac{1}{4}$ of his money to George, all three boys had the same number of money. How much money did Frank and George have altogether at first?

<div align="right">P5/ACSJ</div>

2. Rudi, Sam and Ted had 165 Stickers altogether. Rudi gave $\frac{2}{9}$ of his stickers to Sam and $\frac{1}{6}$ of his stickers to Ted. After that, all three boys had the same number of stickers. How many stickers did Sam and Ted have altogether at first?

P5/MAPS

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?

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?