GRADE 5 / 5.NBT.B.7 / MATH MYSTERY WORKSHEET

The Decimal Lab Pass

The class's lab pass has a three-digit code. Six decimal calculations reveal the code in pairs. Match it to the correct envelope before the experiment begins.

Solve all six decimal problems. Subtract the second answer in each pair from the first, then use only the whole-number part as the code digit.

Six math clues

01 A supply costs $12.50 and another costs $3.75. What is the total? Answer: _____	02 Pay $20.00 for a $9.25 item. What change should you get? Answer: _____
03 Three strips are 2.4 cm long each. What is their total length? Answer: _____	04 Split 5.6 liters equally into 2 bottles. How much per bottle? Answer: _____
05 An 18.6 cm ribbon is cut by 9.6 cm. How much remains? Answer: _____	06 Add 4.5 liters and 1.5 liters. How much is that? Answer: _____

Build the code

A = whole-number part of (answer 1 - answer 2): _____

B = whole-number part of (answer 3 - answer 4): _____

C = whole-number part of (answer 5 - answer 6): _____

Code: [A] [B] [C]

Green envelope - 543	Blue envelope - 534
Red envelope - 453	Yellow envelope - 544

Found at: _____