

9 May 2018

STACK MODELS

GUIDED EXAMPLE 1

Charlie had \$90 more than Eugene.

Charlie spent $\frac{1}{3}$ of his money while Eugene spent $\frac{1}{2}$ of his money.

If both of them have \$760 left, find the total amount of money Charlie had at first.

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GUIDED EXAMPLE 2

Peter had \$60 more than John.

Peter spent $\frac{1}{3}$ of his money and John spent 20% of his money.

If Peter had spent \$36 more than John, how much did Peter spend?

(Punggol Pri/P6 Prelim 2008/Q48)

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GUIDED EXAMPLE 3

Wilson had \$60 more than Alex.

Each spent some of his own money.

The amount that Alex spent was $\frac{2}{3}$ that of Wilson's money

while the amount that Wilson spent was $\frac{1}{6}$ of the total amount of money they had at first.

If they had \$358 left altogether, how much money did Wilson have at first?

(River Valley Pri/P6 Prelim/Q47)