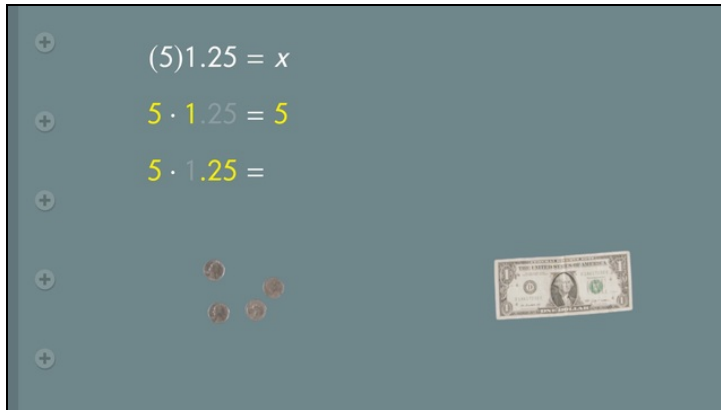




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# Clever Calculations with Money



- 1 Determine the amount of money needed to pay each bill:
- 2 Explain how to use mental math using quarters.
- 3 Explain grouping mental math strategies for addition and subtraction.
- 4 Explain how to group division problems.
- 5 Solve the following problems involving money.
- 6 Identify correct mental math techniques.
- + with lots of tips, answer keys, and detailed answer explanations for all of the problems.



The complete package, including all problems, hints, answers, and detailed answer explanations is available for all [sofatutor.com](https://www.sofatutor.com) subscribers.



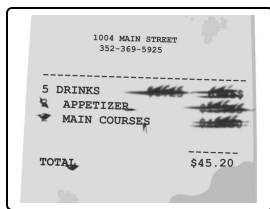
## Determine the amount of money needed to pay each bill:

Match the elements.



Blake and Denise have finished eating and gotten the bill. They aren't sure how much they have to pay:

Can you help them?



A



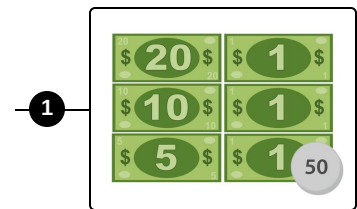
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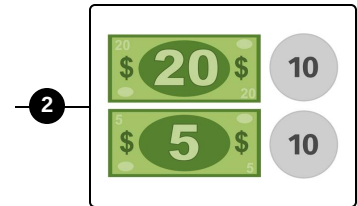
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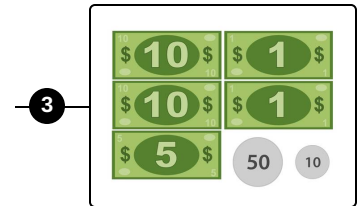
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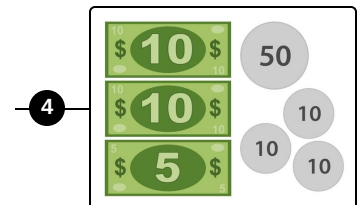
1



2



3



4



## Hints for solving these problems

1  
of 6

### Determine the amount of money needed to pay each bill:

#### Hint #1

Count the number of the notes as well as the coins.

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#### Hint #2

Multiply the value of any bill or coin by the number of coins or bills of that type. Then add the resulting values.

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## Answers and detailed answer explanations for these problems

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of 6

### Determine the amount of money needed to pay each bill:

**Answer key:** A—2 // B—4 // C—1 // D—3

Let's check the receipts from left to the right:

**The receipt for 45.20 dollars**

Two 20 dollar bills and one 5 dollar bill, plus two 10 cent coin.

**The receipt with the amount 25.20 dollars**

Two 10 dollar bills and one 5 dollar bill, plus one 50 cent piece and three 10 cent coins.

**The receipt with the amount 38.50 dollars**

One 20 dollar bill, one 10 dollar bill, one 5 dollar bill, and three 1 dollar bills, as well as one 50 cent coin.

**The receipt with the amount 27.60 dollars**

Two 10 dollar bills, one 5 dollar bill, and two 1 dollar bill, plus one 50 cent piece and one 10 cent coin.