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## Division

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When you calculate  $100 \div 6$  using a calculator, the result is 16.6666667.

This result can be used to give a **sensible** answer to all the following questions except one.

1. Write down the sensible answers and find the question that cannot be answered using this result.

a. How much does each person pay when 6 people share the cost of a meal costing \$100?

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b. 100 children each need a pencil. Pencils are sold in packs of 6. How many packs are needed?

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c. What is the cost per gram of shampoo costing \$6 for 100 grams?

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d. How many CDs costing \$6 each can be bought for \$100?

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e. What is the average distance per day, to the nearest mile, traveled by a hiker on the Appalachian Trail, who covers 100 miles in 6 days?

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2. Write another question, together with its sensible answer, that can be answered using  $100 \div 6$ .