

---

## Division

---

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?  
\_\_\_\_\_
  - b. 100 children each need a pencil. Pencils are sold in packs of 6. How many packs are needed?  
\_\_\_\_\_
  - c. What is the cost per gram of shampoo costing \$6 for 100 grams?  
\_\_\_\_\_
  - d. How many CDs costing \$6 each can be bought for \$100?  
\_\_\_\_\_
  - 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?  
\_\_\_\_\_
  
2. Write another question, together with its sensible answer, that can be answered using  $100 \div 6$ .