



Use the table to answer the questions.

| Planet  | Time for Revolution | Diameter (km) | Time for Rotation |
|---------|---------------------|---------------|-------------------|
| Mercury | 88 days             | 4,878         | 59 days           |
| Venus   | 225 days            | 12,104        | 243 days          |
| Earth   | 365 days            | 12,756        | 24 hours          |
| Mars    | 687 days            | 6,794         | 25 hours          |
| Jupiter | 12 years            | 142,984       | 10 hours          |
| Saturn  | 29 years            | 120,536       | 11 hours          |
| Uranus  | 84 years            | 51,118        | 17 hours          |
| Neptune | 165 years           | 49,500        | 17 hours          |

- How many planets take more than one day to rotate?
- Which planets take more than one year to make one revolution?
- Write the diameter of Jupiter in words.
- Make up some questions for a friend to answer

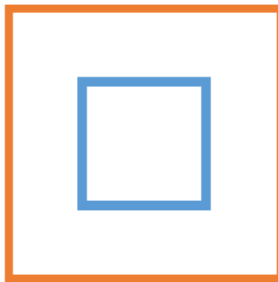


Answer the questions using information from the table.

| City       | Leeds   | Wakefield | Bradford | Liverpool | Coventry |
|------------|---------|-----------|----------|-----------|----------|
| Population | 720,000 | 316,000   | 467,000  | 440,000   | 305,000  |

- What is the difference between the highest and lowest population?
- Which two cities have a combined population of 621,000?

Here is a square inside another square.




The perimeter of the inner square is 16cm


The outer square's perimeter is four times the size of the inner square.

What is the length of one side of the outer square?

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The value of  $c$  is 14 m.  
What is the total perimeter of the shape?



The blue rectangle has a perimeter of 38cm.  
What is the value of  $a$ ?