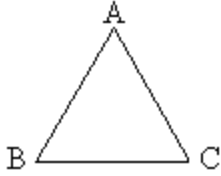


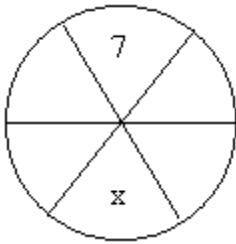
## Quantitative Comparison Test 8



1. Angle  $ABC = 59$ , angle  $ACB = 61$

The length of side AB	The length of side BC
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- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information



2. Each of six sectors of a circle is assigned a number such that the numbers in any two adjacent sectors add up to 15

x	8
---	---

- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information

3. 5 less than  $4x = 27$

x	9
---	---

- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information

4. Rob has more money than Paul. Paul has more money than Vinny and Sam has more money than Toni. Toni has less money than Rob but more money than Paul.

Total amount that Vinny and Sam have together	Total amount that Rob and Toni have together
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- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information

5. The area of one face of a rectangular block is 16 and the area of an adjacent face is 20.

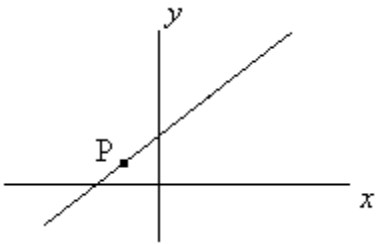
Volume of the block	100
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- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information

6. The average (arithmetic mean) of four numbers is 20. The sum of three numbers is 60

The fourth number	20
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- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information



7.

The x coordinate of point P	The y coordinate of point P
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- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information

8.  $4 < x < 8$ , and  $3 < y < 7$

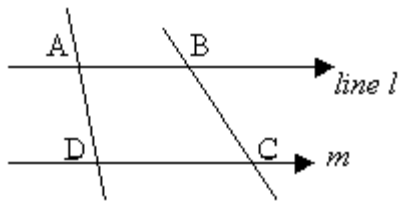
$x - y$	5
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- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information

9.

The sum of all integers from -6 to 30 inclusive	The sum of all integers from 7 to 30 inclusive
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- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information



10. Note: figure not to scale

Lines l and m are parallel

$AB / AD$	$DC / CB$
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- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information

## Answer Key

1. A
2. C
3. B
4. D
5. D
6. C

- 7. B
- 8. B
- 9. C
- 10. D