

Quantitative Comparison Test 10

1. $ab = 0$

a	0
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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. $-1 < x < 0$

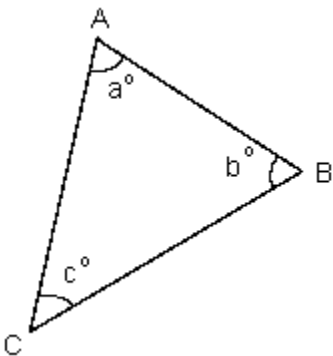
x^3	x^5
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- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information

3. The average of four numbers is 30. The average of three of these numbers is 20.

The value of the fourth number	60
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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

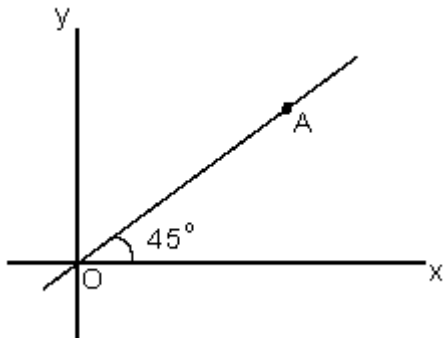


4. $AC > CB > AB$

b	a
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- A. The quantity on the left is greater
- B. The quantity on the right is greater

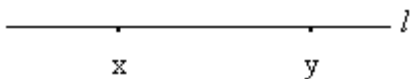
- C. Both are equal
- D. The relationship cannot be determined without further information



5. The line containing point A is rotated 90 degrees anticlockwise about the origin, O.

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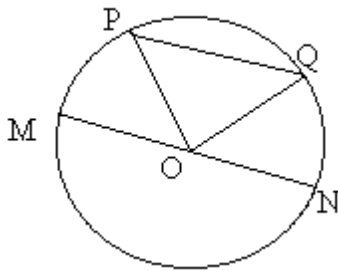
- A. The quantity on the left is greater
- B. The quantity on the right is greater
- C. Both are equal
- D. The relationship cannot be determined without further information



6. Points x and y lie on line l

The number of points on line l that are twice as far from x as from y	2
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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. O is the centre of the circle, and angle POQ is a right angle

MN/PQ	2/1
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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.

Total savings on 40 gallons of fuel bought at \$1.152 per gallon instead of \$1.245	\$3.70
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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 cost of hiring props for the school play was to be shared by 8 students. 4 more students decide to share the cost. The new cost per person is \$2 less.

Total cost of hiring props	\$50
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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. A bag contains only red, white and blue balls. One third of the balls are red, one fifth of the balls are white. One ball is to be selected at random.

Probability of drawing a white ball	Probability of drawing a blue ball
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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. D
- 2. B
- 3. C
- 4. A
- 5. C
- 6. C
- 7. B
- 8. A
- 9. B
- 10. B