Quantative Comparison Test 1

1. The average (arithmetic mean) of four numbers is 36

The sum of the same four numbers	140

○ 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. n is an integer >0

1/n + n	2

○ 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 diagonal of a rectangle	Half the perimeter of the same rectangle

○ 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. x + y = 5

y - x = 3

x	y

○ 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 distance between	The distance between

the points with rectangular coordinates (0,5) and (0,10)	the points with rectangular coordinates (1,8) and (-3,5)

○ 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.

+ 7	$\sqrt{(36 + 49)}$

○ 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. A fair coin is tossed three times

The chances of getting 3 heads	The chances of getting no heads

○ 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.

The percentage of the multiples of 2 that are also multiples of 5	The percentage of the multiples of 5 that are also multiples of 2

○ 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 area of a right angled triangle with sides 6,8 and 10	Twice the area of a right angled triangle with sides 3,4 and 5

○ 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

J   K   L   M

(figure not to scale)

10. JL = KM

JK	LM

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.   D

3.   B

4.   B

5.   C

6.   B

7.   C

8.   B

9.   A

10.   C