

GRE QUANT PRACTICE PAPER

Quantitative Comparison

1. Quantity A: $|10| - |16|$
Quantity B: $|1 - 5| - |3 - 6|$

The two quantities are equal.

Quantity A is greater.

Quantity B is greater.

The relationship cannot be determined from the information given.

$$0 < x < y < z < 10$$

x, y, and z are integers.

2. Quantity A: -7
Quantity B: $x + y - z$

Quantity A is greater.

The relationship cannot be determined from the information given.

The two quantities are equal.

Quantity B is greater.

Quantity A:

$$7-4-(-3)-8$$

Quantity B:

$$8-(-8)-1+2$$

3. Which of the following is true?

select

The two quantities are equal in size.

select

The relationship between the quantities cannot be determined.

select

Quantity A is larger.

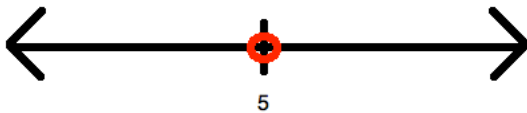
select

Quantity B is larger.

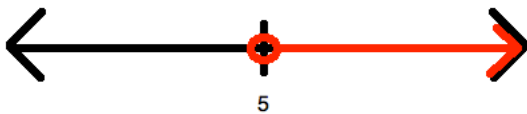
$$2x+6>16$$

19. Which of the following is a graph for the values of X defined by the inequality stated above?

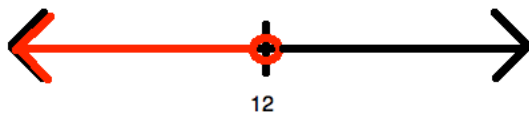
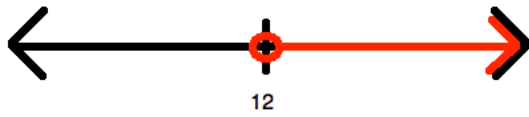
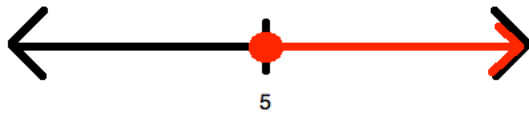
select



select



select



20. The product of two consecutive positive integers is 272. What is the larger of the two integers?

15

19

17

18

16

21. What is the sum of the 40th and the 70th elements of the series defined as:

$$s_n = s_{n-1} - 5$$

$$s_1 = 281$$

<input type="text" value="select"/>
22
<input type="text" value="select"/>
55
<input type="text" value="select"/>
45
<input type="text" value="select"/>
17
<input type="text" value="select"/>
100

	Books sold in 2000 (thousands)	Books sold in 2005 (thousands)	Books sold in 2010 (thousands)
Store A	6	8	11
Store B	8	12	13
Store C	9	10	12

22. By what percentage did the total book sales of the three stores increase from 2005 to 2010?

<input type="text" value="select"/>
33.3%
<input type="text" value="select"/>
12%
<input type="text" value="select"/>
20%
<input type="text" value="select"/>
15%
<input type="text" value="select"/>
25%

Quantity A:

x, where x is 65% of 408

Quantity B:

y, where y is 40% of 663

23. Which of the following is true?

select

Quantity A is greater.

select

A comparison cannot be determined from the given information.

select

The two quantities are equal.

select

Quantity B is greater.

24. A chamber of commerce board has seven total members, drawn from a pool of twenty candidates. There are two stages in the board's election process. First, a president, secretary, and treasurer are chosen. After that, four members are chosen to be "at large" without any specific title or district. How many possible boards could be chosen?

select

5,426,400

select

16,279,200

select

390,700,800

select

10,465,200

select

2,713,200

25. Box A has 10 green balls and 8 black balls.
Box B has 9 green balls and 5 black balls.

What is the probability if one ball is drawn from each box that both balls are green?

$\frac{19}{252}$

$\frac{5}{9}$

$\frac{10}{49}$

$\frac{5}{14}$

$\frac{9}{14}$