

GRE Quant Practice Test 4

1. The average (arithmetic mean) high temperature for x days is 70 degrees. The addition of one day with a high temperature of 75 degrees increases the average to 71 degrees.

<u>Quantity A</u>	<u>Quantity B</u>
x	5

- (A) Quantity A is greater.
(B) Quantity B is greater.
(C) The two quantities are equal.
(D) The relationship cannot be determined from the information given.

2.
 a and b are integers.
 $a^2 = b^3$

<u>Quantity A</u>	<u>Quantity B</u>
a	b

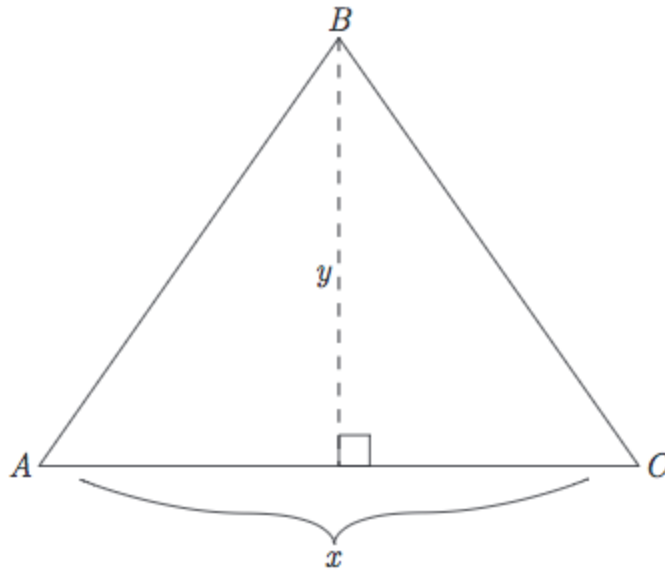
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- 4.



$\triangle ABC$ has an area of 108 cm^2 . If both x and y are integers, which of the following could be the value of x ?

Indicate all such values.

- (A) 4
- (B) 5
- (C) 6
- (D) 8
- (E) 9

5. Each month, Renaldo earns a commission of 10.5% of his total sales for the month, plus a salary of \$2,500. If Renaldo earns \$3,025 in a certain month, what were his total sales?

6. At a recent dog show, there were 5 finalists. One of the finalists was awarded "Best in Show" and another finalist was awarded "Honorable Mention." In how many different ways could the two awards be given out?