



GRE KUANTITATIF

@america

28 March 2020

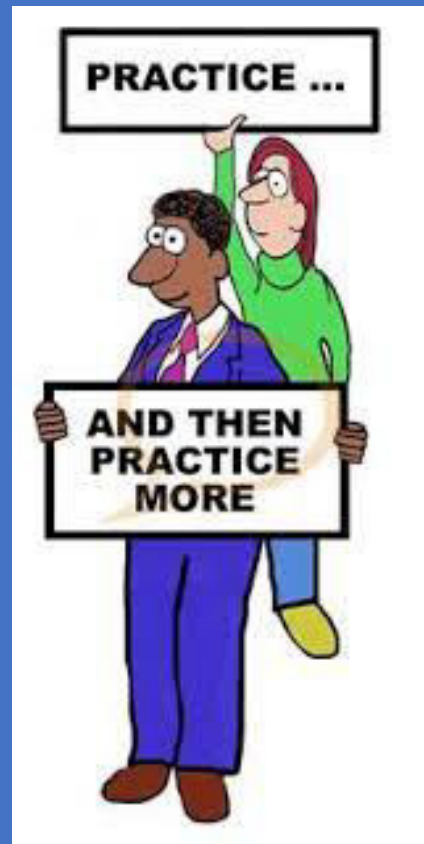




**Dr. Meilani Hartono, S.Si., M.Pd.
(MEL)**

- Head of Primary Teacher Education
Department Bina Nusantara University

Email : mhartono@binus.edu

HP : 082122055069




MASTER THE™ GRE

GENERAL TEST

2019

The Prep You Need to Boost Your GRE® General Test Score

- **7** full-length practice tests—**4** inside and **3** online—ALL with detailed answer explanations
- **OVER 700** practice questions to boost your test-prep confidence
- **DIAGNOSTIC TEST** to help you evaluate your strengths and weaknesses


ACCESS 3 PRACTICE TESTS ONLINE!
See inside for details.

© 2018 Peterson's, Inc. All rights reserved. GRE and GRE General Test are trademarks of Educational Testing Service (ETS).

1.

$$d < e < f < g$$

Quantity A

$$g - f$$

Quantity B

$$e - d$$

- 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.	<u>Quantity A</u>	<u>Quantity B</u>
	The number of quarters in \$8.00	The number of nickels in \$2.00

- 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.

3.	<u>Quantity A</u>	<u>Quantity B</u>
	$\left(\frac{4}{21}\right)\left(\frac{4}{2}\right)\left(\frac{14}{8}\right)$	$\left(\frac{2}{3}\right)\left(\frac{2}{1}\right)\left(\frac{2}{4}\right)$

- 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.

4.

$$a > b > 1$$

Quantity A

$$ab$$

Quantity B

$$\frac{a}{b}$$

- 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.

5.

ABC is a triangle.

Quantity A

The average degree value of angles A ,
 B , and C

Quantity B

60

- 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.

6.

$$x + y = 3$$

$$x - y = 1$$

Quantity A

x

Quantity B

y

- 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.

7.

A circle has a circumference of 8π , and a square has perimeter of 30.

Quantity A

The area of the circle

Quantity B

The area of the square

- 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.

8.

Quantity A

$\frac{1}{100}$ % of 100

Quantity B

10^{-2}

- 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.

9. A salesperson received a commission of \$340 on the sale of a car. If the commission rate is 1.7%, how much did the car sell for?
- A. \$5.78
 - B. \$2,000
 - C. \$19,660
 - D. \$20,000
 - E. \$200,000
10. Payal can shovel the snow from a driveway in 12 minutes, and Shreya can shovel the snow from the same driveway in 18 minutes. Working together, how long will it take for them to shovel the driveway? Round to the nearest minute.
- A. 6 minutes
 - B. 7 minutes
 - C. 12 minutes
 - D. 15 minutes
 - E. 30 minutes

11. 12 miles per hour is equivalent to how many feet per second?

- A. 1.47
- B. 8.18
- C. 12
- D. 17.6
- E. 1,056

12. Evaluate $9^{\frac{3}{2}}$.

- A. 3
- B. 6
- C. 9
- D. 13.5
- E. 27

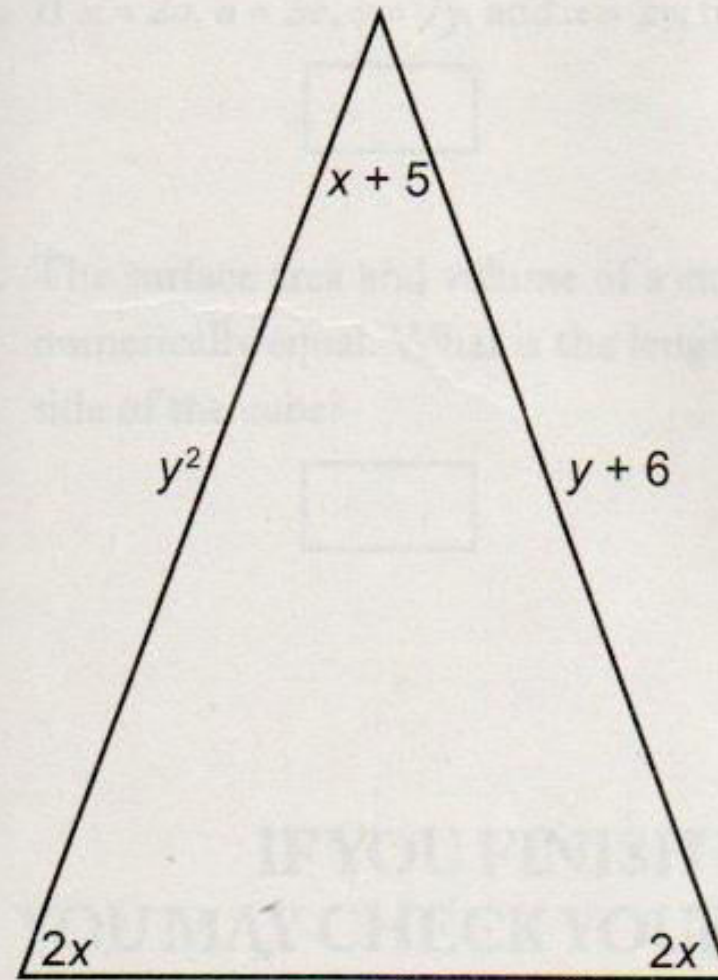
13. What is the value of x ?

- A. 5
- B. 19
- C. 35
- D. 36
- E. 45

14. What is the value of y ?

- A. 0
- B. 1
- C. 2
- D. 3
- E. 3 or -2

Questions 13 and 14 refer to the figure below.



15. If $A = \{7, 9, 11, 13\}$ and $B = \{6, 8, 12, 14\}$, which of the following are true?
- A. A and B have the same mean and the same standard deviation.
 - B. A and B have different means but the same standard deviation.
 - C. A and B have different means and different standard deviations.
 - D. A and B have the same mean, but A has a larger standard deviation.
 - E. A and B have the same mean, but B has a larger standard deviation.
16. \$4,500 is invested in an account earning 3.5% annual interest, compounded monthly. What is the value of the account after 2 months?
- A. \$4,513.13
 - B. \$4,526.25
 - C. \$4,526.29
 - D. \$4,657.50
 - E. \$4,766.33

For Questions 17 and 18, choose all the answers that apply.

17. If a is even and b is odd, which of the following are even?

A. $a + b$

B. $a - b$

C. ab

D. a^b

E. b^a

18. Suppose $a_1 = 3$ and for $n > 1$, $a_n = 2 - a_{n-1}$.

Which of the following numbers will appear as terms of this sequence?

A. -1

B. 1

C. -2

D. 2

E. -3

F. 3

G. -4

H. 4

For Questions 19 and 20, enter your answers in the boxes.

19. If $x = 2a$, $a = 3b$, $b = 7y$, and $x = ky$, find k .

20. The surface area and volume of a cube are numerically equal. What is the length of a side of the cube?

*Thank
you*

