

GRE Question Papers 2027 - Sample Questions for Quantitative Reasoning

Quantitative Comparison

For each question, select:

- A. Quantity A is greater
- B. Quantity B is greater
- C. The two quantities are equal
- D. The relationship cannot be determined

Question 1

Quantity A: 25% of 80

Quantity B: 15

Answer: A

Question 2

If $x > 0$:

Quantity A: x^2

Quantity B: x

Answer: D

Question 3

Quantity A: The average of 10, 20, and 30

Quantity B: 20

Answer: C

Question 4

A rectangle has a perimeter of 20 units.

Quantity A: Its area

Quantity B: 25 square units

Answer: D

Question 5

If $y=4$:

Quantity A: y^3

Quantity B: $3y^2$

Answer: A

Multiple Choice – One Correct Answer**Question 1:**

If $5x-10=25$, what is the value of x ?

- A. 3
- B. 5
- C. 7
- D. 9
- E. 10

Answer: C

Question 2:

A shirt originally costs \$80 and is discounted by 25%. What is its sale price?

- A. \$20
- B. \$40
- C. \$55
- D. \$60
- E. \$65

Answer: D

Question 3:

If $a=3$ and $b=4$, what is the value of a^2+b^2 ?

- A. 7
- B. 12
- C. 18
- D. 25
- E. 49

Answer: D

Question 4:

A number is increased by 20% and becomes 96. What was the original number?

- A. 76
- B. 80
- C. 84
- D. 88
- E. 92

Answer: B

Question 5:

The average of five numbers is 18. If four of the numbers are 12, 16, 20, and 22, what is the fifth number?

- A. 18
- B. 20
- C. 22
- D. 24
- E. 26

Answer: D

Multiple Choice – Multiple Correct Answers

Question 1:

Which of the following are factors of 48?

- A. 3
- B. 4
- C. 5
- D. 6
- E. 8

Answers: A, B, D, E

Question 2:

Which of the following numbers are prime?

- A. 11
- B. 15
- C. 17
- D. 21
- E. 23

Answers: A, C, E

Question 3:

Which of the following expressions are equal to 16?

- A. 242^4
- B. 424^2
- C. $8+88+8$
- D. $32/232/2$
- E. 232^3

Answers: A, B, C, D

Question 4:

Which of the following values of x satisfy $x^2=25$?

- A. -5
- B. 0
- C. 5
- D. 10
- E. -10

Answers: A, C

Question 5:

Which of the following are multiples of 6?

- A. 18
- B. 24
- C. 25
- D. 36
- E. 41

Answers: A, B, D

Numeric Entry

Question 1:

If $4x=36$, what is the value of x ?

Answer: 9

Question 2:

A \$120 item is discounted by 15%. What is the discounted price?

Answer: 102

Question 3:

The average of 14, 18, and 25 is what?

Answer: 19

Question 4:

A rectangle has a length of 12 units and a width of 5 units. What is its area?

Answer: 60

Question 5:

If $2^x=32$, what is the value of x ?

Answer: 5