

GMAT 2026 Quant Sample Paper 1 – Questions

Problem Solving

Directions: Solve the problem and indicate the best of the answer choices given.

Question 1

If $3x - 7 = 2x + 5$, what is the value of x ?

- (A) 2
- (B) 6
- (C) 8
- (D) 12
- (E) 14

Question 2

A store sells apples at \$2.40 per kilogram. If a customer buys 3.5 kilograms and pays with a \$10 bill, how much change should the customer receive?

- (A) \$1.60
- (B) \$1.80
- (C) \$2.00
- (D) \$2.20
- (E) \$2.40

Question 3

The average (arithmetic mean) of five consecutive integers is 17. What is the largest of these integers?

- (A) 15
- (B) 17
- (C) 19
- (D) 21
- (E) 23

Question 4

If $y = 2x^2 - 3x + 1$ and $x = 2$, what is the value of y ?

- (A) 1
- (B) 3
- (C) 5
- (D) 7
- (E) 9

Question 5

A rectangular garden is 12 meters long and 8 meters wide. A path of uniform width is built around the outside of the garden. If the area of the path is 140 square meters, what is the width of the path?

- (A) 1 m
- (B) 1.5 m
- (C) 2 m
- (D) 2.5 m
- (E) 3 m

Question 6

If 40% of a number is 72, what is 25% of the same number?

- (A) 36
- (B) 45
- (C) 48
- (D) 54
- (E) 60

Question 7

The ratio of the number of boys to the number of girls in a class is 3:5. If there are 24 more girls than boys, how many students are in the class?

- (A) 48
- (B) 64
- (C) 72
- (D) 80
- (E) 96

Question 8

What is the smallest positive integer greater than 50 that is divisible by both 4 and 6?

- (A) 52
- (B) 54
- (C) 56
- (D) 60
- (E) 66