**GMAT Practice Test Math Test paper:**

This test stimulates the GMAT Math Section. It contains 37 math questions, which you must answer within 75 minutes. Questions include both data sufficiency and problem solving. Solve lot of **GMAT Practice Test** to get good score in **GMAT 2010**. Note: this is not an adaptive-platform. Good luck!

My diet requires me to lose 528 grams over 1 year. After 3 months, I’ve lost 125. How many grams am I overweight by?

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|  | -5 |
|  | -1 |
|  | 4 |
|  | 7 |
|  | 11 |

Find the sum of the prime numbers between 35 and 45.

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|  | 80 |
|  | 121 |
|  | 119 |
|  | 137 |
|  | 160 |

How much is \frac{1}{3}of x?  
1. 10 percent of x is 5  
2. 5 percent of 2x is 7.5.

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
|  | Together the statements are sufficient |
|  | Each statement is sufficient alone |
|  | Together, the statements are not sufficient |

Two rectangles have the same area. One rectange has dimensions 16X28. The second has dimensions 7XW. Find W.

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|  |
|  | 16 |
|  | 32 |
|  | 64 |
|  | 14 |
|  | 49 |

Is x greater than 0.2?   
1. x is greater than \frac{3}{33}  
2. x is less than \frac{3}{11}

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|  | Statement A is sufficient alone |
|  | Statement B is sufficient alone |
|  | Both statements together are sufficient |
|  | Alone, each statement is sufficient |
|  | Together the statements are still insufficient |

What’s the value of angle D of parallelogram ABCD?  
1. Angle B, the opposite angle, is 60 degrees.  
2. The length of side AD is 20.

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
|  | Together, the statements are sufficient |
|  | Each statement is sufficient on its own |
|  | Together, the statements are still insufficient |

What’s the probability that a random person selected from a group is male?  
1. There are 10 males in the group.  
2. A quarter of the group are not female.

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
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|  | Each statement is sufficient on its own |
|  | Together the statements are insufficient |

Find (\sqrt{7} + \sqrt{7}) ^ 2 - (\sqrt{4} + \sqrt{4}) ^ 2.

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|  |
|  | 8 |
|  | 12 |
|  | 16 |
|  | 24 |
|  | 28 |

The average of 10 numbers is 7.4, while the average of the other 8 numbers in my set is 6.5. What’s the average of the entire set, rounded to one decimal?

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|  |
|  | 6.8 |
|  | 6.9 |
|  | 7.0 |
|  | 7.1 |
|  | 7.2 |

Is a positive?   
1. 8x is greater than 18x.  
2. x – 4 is negative.

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
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|  | Together the statements are still insufficient |

a and b are integers. Is a + beven?  
1. a = b  
2a - 2b = 0.

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
|  | Together the statements are sufficient |
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|  | Together the statements are still insufficient |

n a circle, I draw 2 radii with a an angle of 120 between them. If I shade the area between the radii (with the angle in the shade), what fraction of the circle is not unshaded?

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|  |
|  | 1/Pi |
|  | 1/3 |
|  | 1/4Pi |
|  | 1/3Pi |
|  | 2/3 |

a, b and c are not zero. What’s the value of bc?  
1. a ^ 2 b ^ 2 c ^ 2 = 18a ^ 2 bc  
2. \frac{2a}{b} = \frac{108ac}{6}

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|  | Statement 1 is sufficient alone |
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N is divisible by 5, 6, and 7. Which of these must N be disivible by as well?

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|  |
|  | 27 |
|  | 105 |
|  | 140 |
|  | 165 |
|  | 420 |

Is triangle ABC isoceles?  
1. Angle B = 60 degrees  
2. Angle C = 60

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
|  | Together, both statements are sufficient |
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Which of the values for C will give a greatest value for A, if A= 555 + 111B - 222C?

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|  |
|  | 2 |
|  | 1/111 |
|  | 0 |
|  | 1/222 |
|  | - 2 |

Runner A is twice as fast as Runner B. If runner B takes 10 minutes to run 5 km, how long will it take runner A to run 15 km (in minutes)?

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|  |
|  | 3.333 |
|  | 10 |
|  | 15 |
|  | 30 |

On a coordinate grid, does line L pass through (3,3)?  
1. Line L passes through (1,1).  
2. Line L passes through (4,4).

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|  | Statement 1 is sufficient alone |
|  | Together the statements are sufficient |
|  | Together the statements are not sufficient |

Are Lines L1 and L2 parallel?.  
1. Lines L1 and L2 have different y-intercepts  
2. Line R is perpendicular to both L1 and L2

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
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My set of distinct integers consists of 3, 4, 5, and 6. If I add the numbers N and 8 to the set and I want to median to stay the same, what must my number N be equal?

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|  |
|  | 1 |
|  | 4.5 |
|  | 7 |
|  | 1 or 2 |

Does k equal j?  
1. jk is negative  
2. j + k = 0

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
|  | Each statement is sufficient alone |
|  | Together the statements are still insufficient |

A square has a diagonal of 60 feet (it’s big). What’s the diameter of the square approximately?

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|  | 80 |
|  | 120 |
|  | 160 |
|  | 170 |
|  | 185 |

The ratio of snakes to pineapples if 1:4. If there are 6 more snakes and 2 less pineapples, the ratio would be 3:10. How many pineapples are there?

|  |
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|  |
|  | 33 |
|  | 64 |
|  | 76 |
|  | 132 |

Is \frac{150}{p}an integer?  
1. p is less than 8  
2. p is a prime number

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
|  | Together the statements are sufficient |
|  | Each statement is sufficient alone |
|  | Together the statements are still insufficient |

In a hockey league there are 10 teams. Each team plays every other team once. If we can play 5 games every week, how many weeks long is one season?

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|  |
|  | 8 |
|  | 9 |
|  | 18 |
|  | 20 |

Which of the following has value that’s closest to 1?

|  |
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|  |
|  | 1.25 |
|  | \frac{9}{10} |
|  | \frac{1}{2} |
|  | | - \frac{14}{15} | |
|  | | - 1.1 | |

Is A a prime number?  
1. A is even  
2. Ignoring A, A has no other factors that are even.

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
|  | Together the statements are sufficient |
|  | Each statement is sufficient on its own |
|  | Together the statements are still insufficient |

A bowl has some goldfish, some codsifh, and some fishfish. How many fish are in the bowl?  
1. The probability is choosing a goldfish is 1/2.  
There are 5 fishfish in the bowl.

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
|  | The statements are only sufficient together |
|  | Each statement is sufficient alone |
|  | Together the statements are still insufficient |

The ratio between the radius of circle X and the diameter of circle Y is 1:4. What’s the ratio between the area of circle X and the area of circle Y?

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|  |
|  | 1:16 |
|  | 4:8 |
|  | 1:4 |
|  | 1:2 |
|  | 1:8 |

A line passes through (0, 5) has a slope parallel to y = x + 10. Which of the following points would the line pass through?

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|  |
|  | ( – 7, – 2) |
|  | (3, 10) |
|  | (8, 3) |
|  | (4, 9) |
|  | (10, 0) |

Find the value of 7x + 22  
1. x ^ 2 + 5x - 6 = 0  
2. x ^ 2 +12x + 36 = 0

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
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Where is the monkey?  
1. The monkey is behind door x, where 7x - 5 = 9.  
2. The monkey is behind door y, where 2 ^ {y + 3} = 4 ^ {\frac{5}{2}}.

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
|  | Together the statements are sufficient |
|  | Each statement is sufficient alone |
|  | Together the statements are insufficient |

There are 5 monkeys on an island. Each monkey has a boat. Each monkey take his boat and tries to get off the island. If the probability of each boat sinking is 1/4, what is the probability that all monkeys make it safely back except for King Kong who took the S.S. Banana, approximately?

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|  |
|  | 1/5 |
|  | 81/1024 |
|  | 1/4 |
|  | 81/256 |
|  | 3/5 |

Find x if x ^ 3 - 14x ^ 2 + 49x = 0.

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|  |
|  | 7 |
|  | 0, 7 |
|  | 0, – 6, 7 |
|  | 0, – 6 |
|  | 0, 3, 7 |

What’s the distance between the school and the library?  
1. The school is 4 km from the church  
2. The library is 3 km from the Church.

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|  | Statement 1 is sufficient on its own |
|  | Statement 2 is sufficient alone |
|  | Together the statements are sufficient |
|  | Each statement is sufficient on its own |
|  | Together the statements are still insufficient |

What’s the average grade Mark recieved on his report card?  
1. 30% of his grades were 80 and 70% were 70.  
2. He got 6 grades of 80.

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|  | Statement 1 is sufficient alone |
|  | Statement 2 is sufficient alone |
|  | The statements are only sufficient together |
|  | Each statement is sufficient on its own |
|  | Together the statements are still insufficient |

A train leaves London at 5 AM, and a train leaves Paris an hour later. If the two trains pass each other right in the middle of the journey, and the distance between London and Paris is 400 km, and the speed of the London train is 60 km/h, find the speed of the Paris train.

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|  | 45 km/hr |
|  | 56 km/hr |
|  | 75 km/hr |
|  | 86 km/hr |
|  | 90 km/hr |