Pre-Algebra Practice Test Question Answers  
**[Test SET 2]**

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| **1. If 3x = y – 5 and x = -4, then y =?** | |
| 🔘 -7 | 🔘 5 |
| 🔘 9 | 🔘 -9 |
| 🔘 7 | |

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| **2. If 9 is P percent of 17, then P is a number between** | |
| 🔘 10 to 50 | 🔘 20 to 40 |
| 🔘 30 to 60 | 🔘 20 to 60 |
| 🔘 40 and 60 | |

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| **3. 2.5 ÷ 1000 is equal to** | |
| 🔘 0.025 | 🔘 0.0025 |
| 🔘 0.2500 | 🔘 25000 |
| 🔘 0.250 | |

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| **4.**\sqrt{6^2+3^2}62+32​ | |
| 🔘7.2 | 🔘 7.9 |
| 🔘 13.6 | 🔘 14.6 |
| 🔘 17.0 | |

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| **5.**A basketball team won 10 games and lost 15. What is the ratio of wins to the total number of games? | |
| 🔘 \frac3223​ | 🔘 \frac2332​ |
| 🔘 \frac2772​ | 🔘 \frac3773​ |
| 🔘 NOTA | |

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| **6. Which of the following is the prime factorization of 28?** | |
| 🔘 2x2x7 | 🔘 2×7 |
| 🔘 2x3x7 | 🔘2x3x3 |
| 🔘 2x5x7 | |

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| **7.** 4(x + 6) + 2(3x – 5) =?4(*x*+6)+2(3*x*–5)=? | |
| 🔘 2x2x7 | 🔘 2×7 |
| 🔘 2x3x7 | 🔘2x3x3 |
| 🔘 2x5x7 | |

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| **8.**The area A of a circle is given by the formula: A = πr2 If the radius of the circle is 7 inches, find the area of the circle. | |
| 🔘 7π sq. inches | 🔘 28π sq. inches |
| 🔘 39π sq. inches | 🔘41π sq. inches |
| 🔘 49π sq. inches | |

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| **9.**What is the average (arithmetic mean) of 34, 43, 17 and 67? | |
| 🔘 40.25 | 🔘 80.00 |
| 🔘 20.50 | 🔘 25.00 |
| 🔘 70.25 | |

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| **10.** (-5)(16)(-3)(-2) =? | |
| 🔘 240 | 🔘 -240 |
| 🔘 480 | 🔘 -480 |
| 🔘 -360 | |

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