**OGET Math Practice Test**

**Sample Test -1**

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| **Q1.** **Simplify the expression by combine similar terms**  8 – 5(6x – 2)8–5(6*x*–2) | |
| 🔘 A.  3 – 12x | 🔘 B.  3 – 28x |
| 🔘 C.  18 – 30x | 🔘 D. 3 – 4x |

**Show Answers**

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| **Q2. Which of the following expressions is equivalent to the expression 17 − 4x for all values of x?** | |
| 🔘 A. 1 – (2x – 8) | 🔘 B. 3 + (3x – 6) |
| 🔘 C. 5 – (4x – 12) | 🔘 D. 5 + (-6x – 17) |

**Show Answers**

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| **Q3. If \frac3443​ x – 11 = 1 then find the value of x** | |
| 🔘 A. 2 | 🔘 B. 4 |
| 🔘 C. 8 | 🔘 D. 16 |

**Show Answers**

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| **Q4.  Find the side z is between which two integers in the following figure?** | |
| 🔘 A. 15 and 16 | 🔘 B. 16 and 17 |
| 🔘 C. 18 and 19 | 🔘 D. 20 and 21 |

**Show Answers**

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| **Q5. Find the vaule of a** | |
| 🔘 A.  1 | 🔘 B. 2 |
| 🔘 C. 3 | 🔘 D. 4 |

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| **Q6. James has twice as many coins as Robert. Joseph has 5 more coins than James. If the total number of coins is 50, how many coins does Joseph have?** | |
| 🔘 A. 23 | 🔘 B. 26 |
| 🔘 C. 30 | 🔘 D. 34 |

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| **Q7. The table shows how many students entered class at different times**    **How many students entered class after 9 a.m.?** | |
| 🔘 A. 80 | 🔘 B. 90 |
| 🔘 C. 95 | 🔘 D. 105 |

**Show Answers**

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| **Q8. The following graph of line k is shown in the xy-plane above. The point on line k that has x-coordinate 40 is not shown. What is the y-coordinate of that point?** | |
| 🔘 A. 35 | 🔘 B. 40 |
| 🔘 C. 55 | 🔘 D. 60 |

**Show Answers**

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| **Q9. What is the length of a diagonal in the following rectangle?** | |
| 🔘 A. 8.5 ft | 🔘 B. 9.6 ft |
| 🔘 C. 10.3 ft | 🔘 D. 12.9 ft |

**Show Answers**

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| Q10. **Michele sells advertising in a local magazine. She makes $450 per week plus $50 for every new full page ad she sells that week. If she wants to make at least $3000 so she can take a trip to Bali, how many ads will she need to sell?** | |
| 🔘 A. 25 | 🔘 B. 31 |
| 🔘 C. 50 | 🔘 D. 51 |

**Show Answers**