**Area Math Practice Test**

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| **1.** An error 2 % in excess is made while measuring the side of a square. What is the percentage of error in the calculated area of the square? |
| 🔘 10 | 🔘 35 |
| 🔘 55 | 🔘 65 |
| 🔘 75 |

**Your Answers**

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| **2.** A rectangular park has to be fenced on three sides leaving a side of 20 feet uncovered. If the area of the park is 680 square feet, how many feet of fencing will be required? |
| 🔘 44 | 🔘 88 |
| 🔘 144 | 🔘 188 |
| 🔘195.50 |

**Your Answers**

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| **3.** The length of a rectangle is twice its breadth. If its length is decreased by 5 cm and breadth is increased by 5 cm, the area of the rectangle is increased by 75 sq.cm. What is the length of the rectangle? |
| 🔘 10 cm. | 🔘 20 cm. |
| 🔘 30 cm. | 🔘 40 cm. |
| 🔘 95 cm. |

**Your Answers**

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| **4.** The ratio between the length and the breadth of a rectangular park is 3:2. If a man cycling along the boundary of the park at the speed of 12 km/hr completes one round in 8 minutes, then what is the area of the park in square meters? |
| 🔘 153600 | 🔘 278900 |
| 🔘 365400 | 🔘 457800 |
| 🔘 547600 |

**Your Answers**

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| **5.** The diagonal of a rectangle is √ 41 cm and its area is 20 sq.cm. What is the perimeter of the rectangle? |
| 🔘  6 cm | 🔘 18 cm |
| 🔘 26 cm | 🔘 38 cm |
| 🔘 58.5 cm |

**Your Answers**

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| **6.** The diagonals of a rhombus are 72 cm and 30 cm respectively. What is its perimeter? |
| 🔘  56 cm | 🔘 96 cm |
| 🔘 135 cm | 🔘 156 cm |
| 🔘 256 cm |

**Your Answers**

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| **7.** A rectangular park 60 meters long and 40 meter wide has two concrete crossroads running in the middle of the park and the rest of the park has been used as a lawn. The area of the lawn is 2109 square meters. What is the width of the road? |
| 🔘  1 meter | 🔘3 meters |
| 🔘 5 meters | 🔘 7 meters |
| 🔘 9 meters |

**Your Answers**

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| **8.** A rectangular parking space is marked out by painting three of its sides. If the length of the unpainted side is 9 feet, and the sum of the lengths of the painted sides is 37 feet, find out the area of the parking space in square feet? |
| 🔘 6 square feet | 🔘 30 square feet |
| 🔘 65 square feet | 🔘 96 square feet |
| 🔘 126 square feet |

**Your Answers**

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| **9.** If a square and a rhombus stand on the same base, then what is the ratio of the areas of the square and the rhombus? |
| 🔘  greater than 1 | 🔘  less than to 1 |
| 🔘 equal to 1/2 | 🔘 equal to 3/2 |
| 🔘 equal to 1 |

**Your Answers**

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| **10.** What is the percentage increase in the area of a rectangle, if each of its sides is increased by 20 % ? |
| 🔘  2% | 🔘 22% |
| 🔘 44% | 🔘 88% |
| 🔘 122% |

**Your Answers**