### Angles Practice Test Question Answers

#### **Elementary Geometry: SET 1**

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| **1.**In the following a pair of corresponding angles is |
| 🔘 A. ∠1, ∠2 | 🔘 B. ∠2, ∠2 |
| 🔘 C. ∠3, ∠6 | 🔘 D. ∠4, ∠5 |
| 🔘 E. ∠3, ∠7 |

**Answers**

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| **2.**In the following figure AB||EF, ED||CB and ∠APE is 39°. Find ∠CQF. |
| 🔘 A. ∠CQF= 280 | 🔘 B. ∠CQF= 390 |
| 🔘 C. ∠CQF= 930 | 🔘 D. ∠CQF= 1390 |
| 🔘 E. ∠CQF= 1410 |

**Answers**

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| **3.**Out of a pair of complementary angles, one is two-third of the other. Find the angles. |
| 🔘 A. 18° | 🔘 B. 36° |
| 🔘 C. 54° | 🔘 D. 90° |
| 🔘 E. 180° |

**Answers**

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| **4.**In the following figure CD intersects the line AB at F, ∠ CFB = 50° and ∠ EFA = ∠ AFD. Find the measure of ∠ EFC. |
| 🔘 A. 50° | 🔘 B. 80° |
| 🔘 C. 90° | 🔘 D. 120° |
| 🔘 E. 180° |

**Answers**

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| **5. If the complement of an angle is 79°, then the angle will be of** |
| 🔘 A. 1**°** | 🔘 B. 10**°** |
| 🔘 C. 11**°** | 🔘 D. 111**°** |
| 🔘 E. 110**°** |

**Answers**

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| **6.**In the following figure find the value of x is |
| 🔘 A. 46**°** | 🔘 B. 90**°** |
| 🔘 C. 100**°** | 🔘 D. 110**°** |
| 🔘 E. 150**°** |

**Answers**

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| **7.** In the following figure if AB || CD, ∠ APQ = 50° and ∠PRD = 130°, then ∠ QPR is |
| 🔘 A. 20**°** | 🔘 B. 50**°** |
| 🔘 C. 80**°** | 🔘 D. 90**°** |
| 🔘 E. 130**°** |

**Answers**

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| **8.**If angle A and angle B are supplementary and the measure of angle A is 60°, then the measure of angle B is |
| 🔘 A. 30**°** | 🔘 B. 60**°** |
| 🔘 C. 80**°** | 🔘 D. 90**°** |
| 🔘 E. 120**°** |

**Answers**

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| **9.**The measure of an angle which is four times its supplement is |
| 🔘 A. 36**°** | 🔘 B. 90**°** |
| 🔘 C. 110**°** | 🔘 D. 120**°** |
| 🔘 E. 144**°** |

**Answers**

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| **10.** In the following figure find the value of y |
| 🔘 A. 10**°** | 🔘 B. 20**°** |
| 🔘 C. 33**°** | 🔘 D. 45**°** |
| 🔘 E. 60**°** |

**Answers**