

Chapter 3 Quiz Prep

1. MULTIPLE CHOICE (12 points)
 - a. Given a diagram, determine which line(s) are parallel, perpendicular, or skew.
 - b. Given a diagram, use Angle Relationships with Parallel Lines to find angle measures.
 - i. Also use these with expressions to set up equations and solve for unknown variables.
 - ii. $\parallel \rightarrow \text{alt. int. } \angle s \cong$
 - iii. $\parallel \rightarrow \text{alt. ext. } \angle s \cong$
 - iv. $\parallel \rightarrow \text{corresp. } \angle s \cong$
 - v. $\parallel \rightarrow \text{consec. int. } \angle s \text{ supp.}$
 - c. Given a diagram, determine the information needed to determine which lines can be parallel.
 - i. $\text{alt. int. } \angle s \cong \rightarrow \parallel$
 - ii. $\text{alt. ext. } \angle s \cong \rightarrow \parallel$
 - iii. $\text{corresp. } \angle s \cong \rightarrow \parallel$
 - iv. $\text{consec. int. } \angle s \text{ supp.} \rightarrow \parallel$
2. FREE RESPONSE (8 points)
 - a. Same as (b) and (c) above.
 - b. Answer “crook” problems (similar to #43 and 44 in warm-up problems)
 - c. Two-column proof (just one!)