Activity 4.1.1: Exterior Angle Inequality Theorem

Total points = 40

A. Answers

1. True ✓
2. False ✓
3. True ✓
4. False ✓
5. False ✓
6. True ✓
7. True ✓
8. False ✓
9. True ✓
10. False ✓

C. Answers

1. $>$ ✓
2. $<$ ✓
3. $<$ ✓
4. $<$ ✓
5. $>$ ✓
6. $<$ ✓
7. $>$ ✓
8. $<$ ✓
9. $>$ ✓
10. $>$ ✓

B. Answers

1. $\angle 5$✓, $\angle 9$✓
2. $\angle 1$✓, $\angle 3$✓
3. $\angle 2$✓, $\angle 9$✓
4. $\angle 6$✓, $\angle 8$✓
5. $\angle 4$✓
6. $\angle 7$✓, $\angle 8$✓
7. $\angle 4$✓, $\angle 9$✓
8. $\angle 1$✓, $\angle 2$✓
9. $\angle 5$✓
10. $\angle 1$✓, $\angle 3$✓, $\angle 6$✓, $\angle 7$✓

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10. $\angle 1$✓, $\angle 3$✓, $\angle 6$✓, $\angle 7$✓