

Activity 3.7.1: Proving Statements on Triangle Congruence

Total points = 21

1. Reasons
1. Given ✓

2. Construction ✓

3. Definition of Midpoint ✓

4. Construction ✓

5. Reflexive Property of Congruence ✓

6. SSS Triangle Congruence Postulate ✓

7. CPCTC ✓
2. Reasons
1. Given ✓

2. Definition of Equilateral Triangle ✓

3. Isosceles Triangle Theorem ✓

4. Definition of Equilateral Triangle ✓

5. Isosceles Triangle Theorem ✓

6. Transitive Property of Congruence ✓

7. Definition of Equiangular Triangle ✓
3. Reasons
1. Given ✓

2. Definition of Perpendicular Segments ✓

3. Definition of Right Triangle ✓

4. Reflexive Property of Congruence ✓

5. Given ✓

6. LA Triangle Congruence Theorem ✓

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