**REVIEW QUESTIONS!**

1. Find the distance between points A (3,6) and B (5,9)
2. Find the length of segments ST and QR. S (2, 3), T (5, 2), Q (7, 11), R (9,14). Are they congruent? Explain.
3. Find the distance between T (4,6) and U(5,9).

**ANSWER KEY**

1. d=√(x2-x1)+(y2-y1)

√(5-3)+ (9-6)

√2+3

d=√5 or 2.2

1. d=√(x2-x1)+(y2-y1)

ST- √(5-2)+(2-3)

d=√3-1

√2 or 1.4

QR- √(9-7)+(14-11)

√2+3

d=√5 or 2.2

They are not congruent, QR is longer.

1. d=√(x2-x1)+(y2-y1)

√(5-4)+(9-6)

√1+3

√4

d=2

**Works Cited**

Burger, Edward B. *Geometry*. Austin, TX: Holt, Rinehart and Winston, 2007. Print.