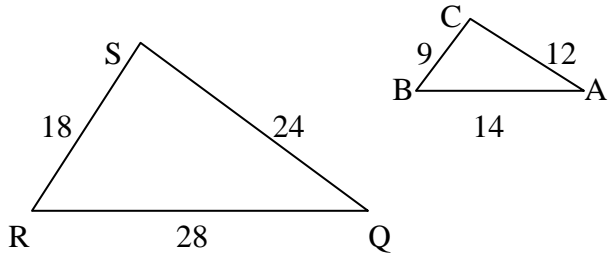


1. Which statement is true?



- a) Triangle QRS is congruent to triangle ABC.
- b)  $\overline{RS}$  is congruent to  $\overline{CB}$
- c) Triangle QRS is similar to triangle ABC.
- d) Angle R is twice the measure of angle A

2. Which value of  $x$  will make this statement true?

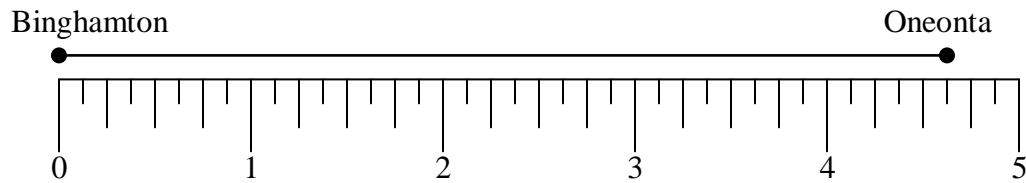
$$-2(x-3)+2=0$$

- a) 4
- b) -2
- c) 1
- d) -1

3. Two number cubes are rolled. Which inequality shows the possible sum of the numbers that come up on the cubes,  $x$ ?

- a)  $0 \leq x \leq 12$
- b)  $0 < x < 12$
- c)  $2 < x < 12$
- d)  $2 \leq x \leq 12$

4. Marcus has a large map of New York. The scale is 1 inch = 12 miles. He measures the distance from Binghamton to Oneonta on the map as shown. Which distance is correct, with the correct degree of accuracy?



- a) Between 48 miles and 60 miles
- b) Between 54 miles and 57 miles
- c) Between 55.5 miles and 57 miles
- d) Between 56.5 miles and 56.6 miles