5) The surface areas of cubes B and C are 158.76 square inches and 2.25 square inches respectively. What will be the scale factor of C to B?

6) M and N are similar triangular pyramids. Their corresponding volumes are 4,000 cubic yards and 6,912 cubic yards. Determine the scale factor of N to M.
Each pair of figures is similar. Find the scale factor. (SA denotes Surface Area and V denotes Volume)

1) Scale factor of R to Q is \(1:4\)

2) Scale factor of T to U is \(7:2\)

3) Scale factor of Y to Z is \(5:3\)

4) Scale factor of L to K is \(2.5:9\)

5) The surface areas of cubes B and C are 158.76 square inches and 2.25 square inches respectively. What will be the scale factor of C to B?

\(0.5:4.2\)

6) M and N are similar triangular pyramids. Their corresponding volumes are 4,000 cubic yards and 6,912 cubic yards. Determine the scale factor of N to M.

\(6:5\)