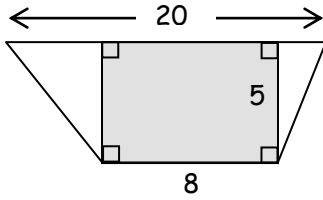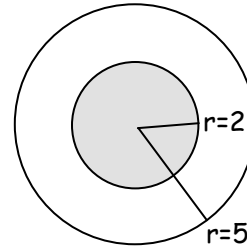**Must show all work for full credit!! Leave answers as simplified fractions.**

Find the probability that a randomly chosen point in each of the following figures lies in the shaded region. Write the probability as a percent.
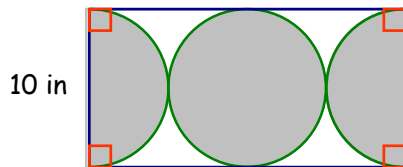
1.

2.

3.

10 in

4.