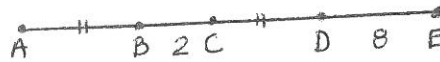


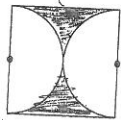
1. The radius of a circle multiplied by $\frac{3}{4}$. What is the change ...
 - a. on area?
 - b. on perimeter?
2. The base and height of a triangle are multiplied by 6. What is the change ...
 - a. on area?
 - b. on perimeter?
3. Describe the effect on the area of a trapezoid if...
 - a. the height is tripled
 - b. both bases are tripled
 - c. the bases and height are tripled
4. The base of a parallelogram is multiplied by 5 and the height is multiplied by 9. What is the effect on area of parallelogram?
5. The area of a square was 32 sq. cm. Now it is 64 sq. cm. (doubled). How did the length of the sides change?
6. You are making a quilt with dimensions of 4 yards by 6 yards. The store where you are buying the cloth for the backing (one full side of quilt) sells by the square foot. How many square feet of cloth do you need?

7. Use diagram at right. $AE = 30''$



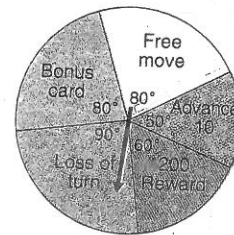
- a. Probability a point is on \overline{AD}
- b. Probability the point is not on \overline{BC}

9. What is the probability a point chosen at random will lie in the shaded region?

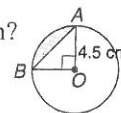


10. Find the probability of each outcome: (use spinner at right)

- a. Free move
- b. Bonus card or \$200 reward



11. What is the probability a point chosen at random will lie in the shaded region?



12. The center ring of target at right has a radius of one. Each successive ring has a radius of one greater than previous ring.

- a. P (score 10 pt)
- b. P (score 8 pt)

