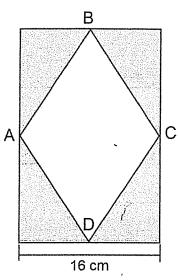
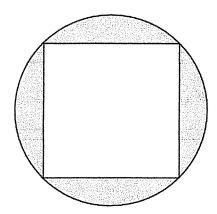
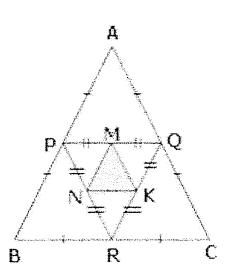
4. Find the probability that a randomly chosen point in the rectangle lies in the shaded region. Give answer as a percent rounded to the nearest hundredth. Sides of Rhombus ABCD are 17 cm.



5. A square is inscribed in a circle. Find the probability that a randomly chosen point in the circle lies in the shaded region. Give answer as a percent rounded to the nearest hundredth. Radius of the circle is 9 in.

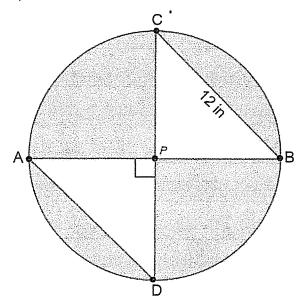


6. A dart is thrown at  $\triangle$ ABC. What is the probability that it lands on shaded portion  $\triangle$ MNK? Give answer as a fraction.

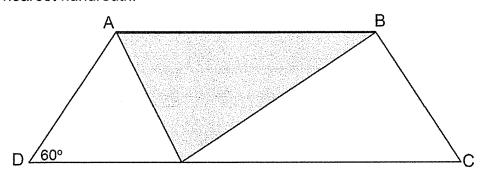




7. A dart is thrown at circle P. What is the probability that it lands on shaded portion? Give answer as a percent rounded to a tenth.  $\overline{AB}$  and  $\overline{CD}$  are diameters.



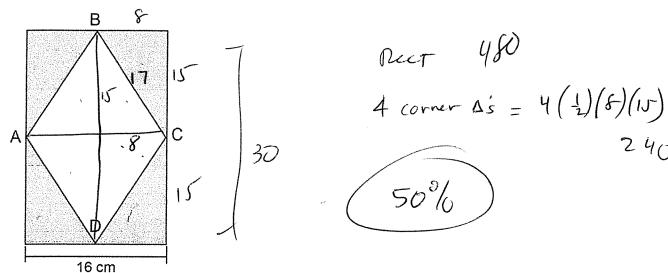
8. The bases of Isosceles Trapezoid ABCD are 15in and 23 in. Find the probability that a randomly chosen point in the trapezoid lies in the shaded region. Give answer as a percent rounded to the nearest hundredth.



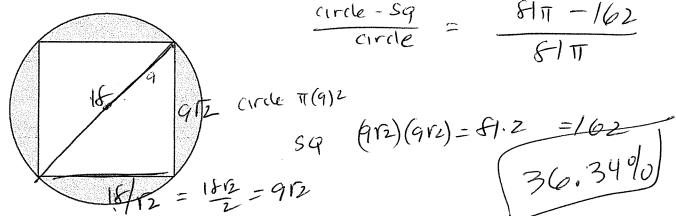
## ALG 2B Bellwork WED 4-11-15



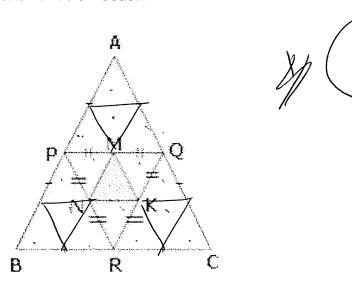
4. Find the probability that a randomly chosen point in the rectangle lies in the shaded region. Give answer as a percent rounded to the nearest hundredth. Sides of Rhombus ABCD are 17 cm.



5. A square is inscribed in a circle. Find the probability that a randomly chosen point in the circle lies in the shaded region. Give answer as a percent rounded to the nearest hundredth. Radius of the circle is 9 in.

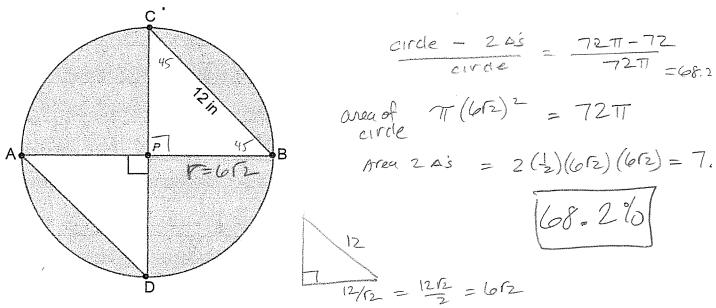


6. A dart is thrown at ΔABC. What is the probability that it lands on shaded portion ΔMNK? Give answer as a fraction.





7. A dart is thrown at circle P. What is the probability that it lands on shaded portion? Give answer as a percent rounded to a tenth.  $\overline{AB}$  and  $\overline{CD}$  are diameters.



8. The bases of Isosceles Trapezoid ABCD are 15in and 23 in. Find the probability that a randomly chosen point in the trapezoid lies in the shaded region. Give answer as a percent rounded to the nearest hundredth.

