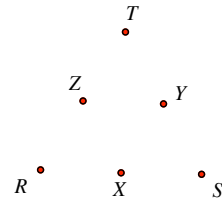
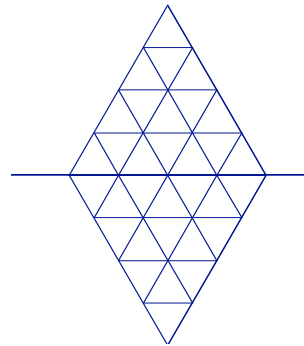


1. Two dice are thrown. What is the probability that the product of the two numbers is a multiple of 5?
 (A) $1/36$ (B) $1/18$ (C) $1/6$ (D) $11/36$ (E) $1/3$

2. Points R ; S and T are vertices of an equilateral triangle, and points X ; Y and Z are midpoints of its sides. How many non-congruent triangles can be drawn using any three of these six points as vertices?
 (A) 1 (B) 2 (C) 3 (D) 4 (E) 20



3. Each half of this figure is composed of 3 red triangles, 5 blue triangles, and 8 white triangles. When the upper half is folded down over the centerline, 2 pairs of red triangles coincide, as do 3 pairs of blue triangles. There are 2 red-white pairs. How many white pairs coincide?



How many distinct triangles can be drawn using three of the dots below as vertices?

- (A) 4 (B) 5 (C) 6 (D) 7 (E) 9

4. There are 24 four-digit whole numbers that use each of the four digits 2, 4, 5 and 7 exactly once. Only one of these four-digit numbers is a multiple of another one. Which of the following is it?
 (A) 5724 (B) 7245 (C) 7254 (D) 7425 (E) 7542
5. Harold tosses a nickel four times. The probability that he gets at least as many heads as tails is
 (A) $5/16$ (B) $3/8$ (C) $1/2$ (D) $5/8$ (E) $11/16$