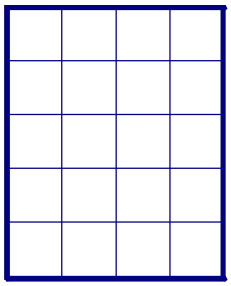
Perimeter, Area, and Probability

Find the perimeter (P) and area (A) for the figures below.

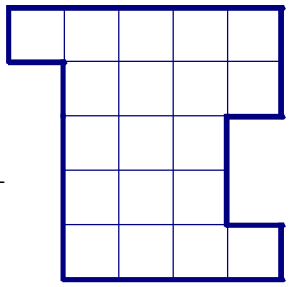
1.



P = _____

A = _____

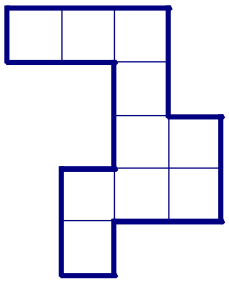
2.



P = _____

A = _____

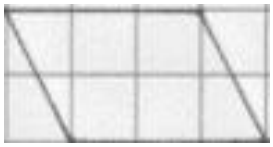
3.



P = _____

A = _____

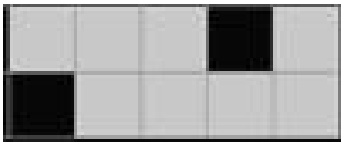
4.



P = _____

A = _____

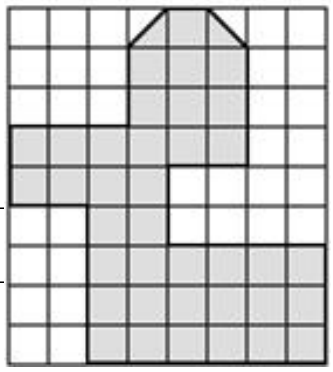
5.



P = _____

A = _____

6.



P = _____

A = _____

Draw the shape that meets the requirement.

7. Area of 4 with maximum perimeter.

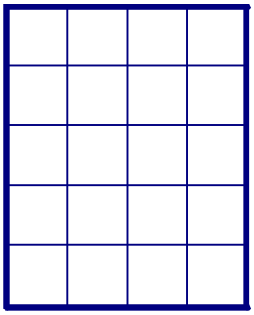
8. Perimeter of 20 with minimum area.

9. Area of 9 with minimum perimeter.

Probability

A. Find the probability for each figure as a fraction, decimal, and percent.

10. What is the probability a bird would land on one of the squares in the top row?



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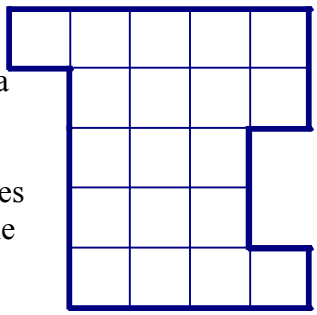
11. What is the probability a bird would land on one of the squares in the middle column?



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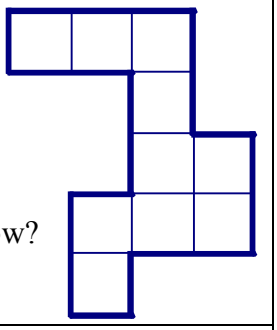
12. What is the probability a bird would land on one of the squares in the middle row?



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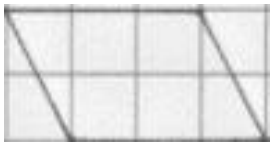
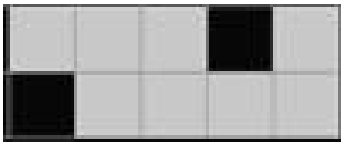
13.



What is the probability a bird would land on one of the squares in the parallelogram?

_____

14.



What is the probability a bird would land on one of the squares black squares?

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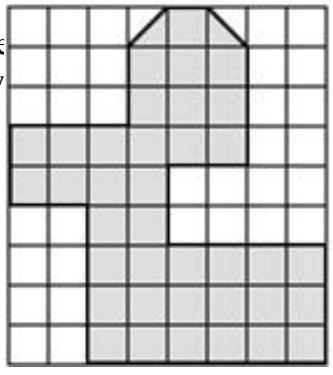
15. What is the probability a bird would land on one of the shaded squares?



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