

Paper Billiards, Continued.

Exercises of note:

#4: Rules for when the ball will end up in:

✓ a) pocket D

Done yesterday.

b) pocket C

Christy, Brianna, Anna, James

c) pocket B

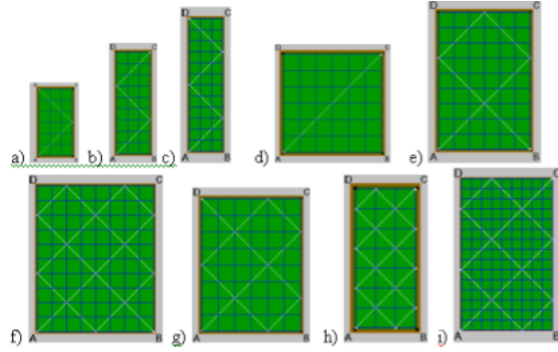
Abriann, Abi, Tim, Nicole

#5: Rule for when the ball will cross every square.

Ashton, Nick, Amy, Katherine

#6: Rule for the number of hits the ball makes.

Jordan, Grant, Megan, Kyle



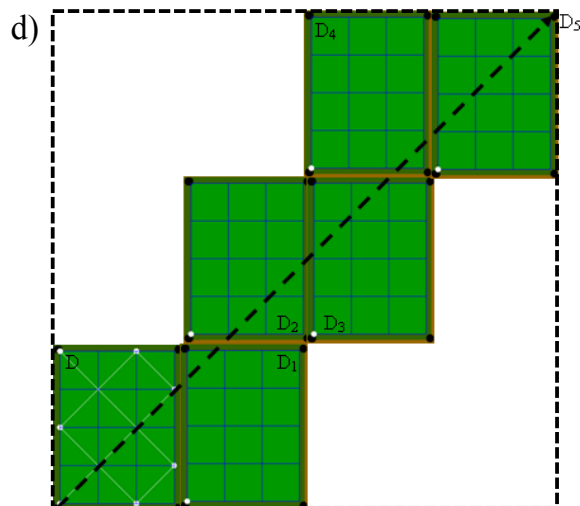
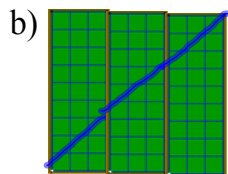
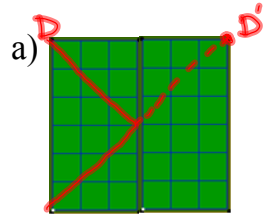
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Paper Billiards, Continued.

Exercises of note:

#13: Must the ball end up in a corner?

#17-18: Unfolded trajectories.



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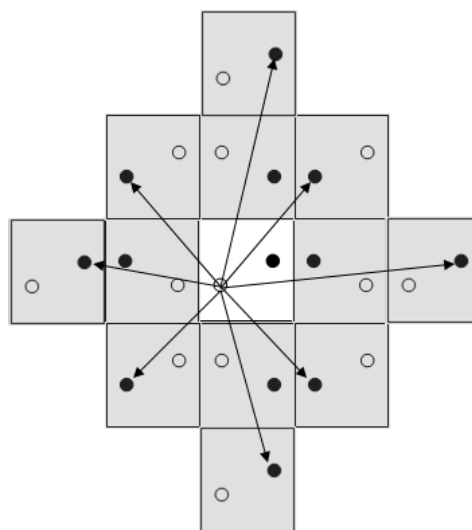
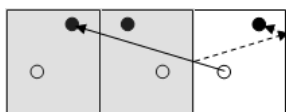
Paper Billiards, Continued.

Exercises of note:

#21-22: Two-cushion shots.

22.

21.



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1.1 Measurement and 1.2 Polygons

1.1 HW: #6-8, (10), 11, 13, (14), 17.

1.2 HW: #4-9, 10, 13, 14

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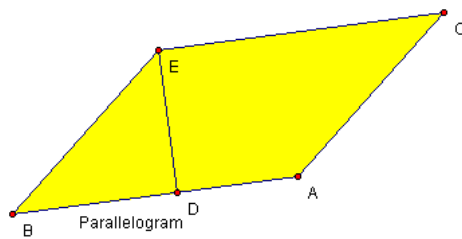
Use Geometer's Sketchpad to Construct:

- * a triangle
- * a non-convex octagon
- * a trapezoid
- * a rectangle
- * a rhombus
- * a square

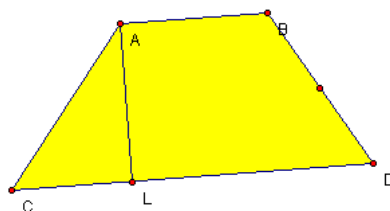
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Geometer's Sketchpad as a Tool for Conjecture and Proof

Demonstrate why the formula for the area of a parallelogram is $A = bh$.



Demonstrate why the formula for the area of a trapezoid is $A = 1/2*(b_1 + b_2)*h$



Sep 4-12:51 PM

Use Geometer's Sketchpad to Justify the Formula for the Vertex Angle Sum of a Polygon.

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