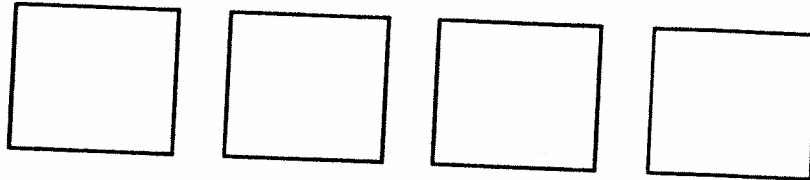# MATH SUPERSTARS – 4
Jupiter, XIX

Name: _____

(This shows my own thinking.)

★★★★ 1. Divide each of the squares below differently so they represent fourths.

☐ ☐ ☐ ☐

★★ 2. Tiger roared every time someone passed its home in the zoo. Tiger roared more than 39 times but fewer than 46. It roared an odd number of times. You say the number when you count by 3's and by 5's. How many times did Tiger roar?
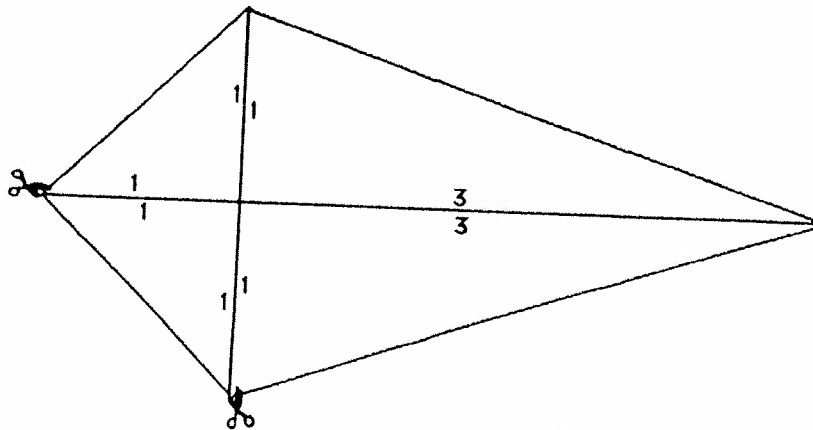
Answer: _____ times

★★ 3. Paul Lynch holds the world record for one-arm push-ups. Paul once did 3,855 one-arm push-ups in five hours. On average, how many did he do in 1 hour?
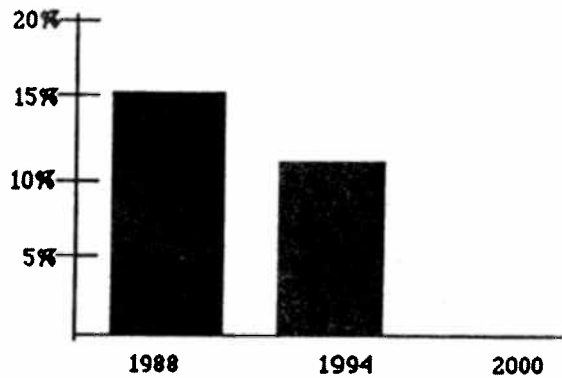
Answer: _____ push-ups

★★ 4. Trace over the figure of the kite below. Cut along the lines of your tracing that go from vertex to vertex so you have four triangles. Arrange these triangles so they make two quadrilaterals: a square and a rectangle. Find the perimeter of each quadrilateral.
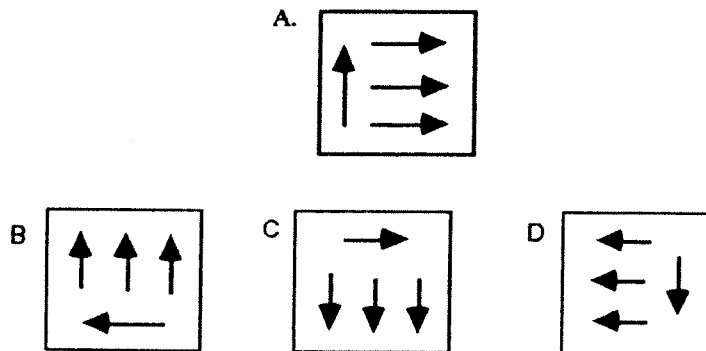
Perimeter of the square: _____   Perimeter of the rectangle: _____

★★ 5. The bar graph shows the percent of women who were members of elected parliaments or legislatures in 1988 and 1994. Fill in the graph to show the percent in the year 2000, if the decline is the same from 1994 to 2000 as it was from 1988 to 1994.

★★ 6. Circle the figure below -- B, C, or D -- that shows figure A rotated 270 degrees clockwise.

★★★ 7. During the last week of school, a few students got the silly willies on Monday. On Tuesday, 2 more students than on Monday caught the silly willies. Each day after that, 2 more students than on the day before caught them. On Friday, 12 students caught them. How many students caught the silly willies in 5 days?

Answer: _____ students

★★★ 8. Arrange the digits 1-7 in the squares so that no two consecutive digits are connected by a line.

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