



Division

**E**

Mathematical Olympiads

November 12, 2013

for Elementary & Middle Schools

Contest

**1**

**1A** Time: 3 minutes

What is the value of the product  $5 \times 4 \times 5 \times 4 \times 5 \times 4 \times 5$ ?

**1B** Time: 4 minutes

Madison has five stickers in a row on a piece of paper. The star is one to the left of the puppy. The rainbow is to the right of the heart. The puppy is three to the left of the kitten. Which sticker is in the middle of the row?

**1C** Time: 5 minutes

For a certain 3-digit number:

- the digits are in increasing order
- the difference of the greatest and least digits is 7
- it is a multiple of 9 and greater than 200.

Find the 3-digit number.

Please fold over on line. Write an