

Names: \_\_\_\_\_

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Math 1110

**Four Fours Worksheet**

Fall 2012

Credit: This worksheet was inspired heavily by **Dr. Eric Stade** at The University of Colorado.

Express each of the integers from 1 to 9 using exactly four fours, together with addition, subtraction, multiplication, division, and parenthesis. As an example, I did the first one for you:

$$1 = 4 \div 4 \times 4 \div 4$$

Now it's your turn. Don't forget to put parenthesis where needed.

2=\_\_\_\_\_

3=\_\_\_\_\_

4=\_\_\_\_\_

5=\_\_\_\_\_

6=\_\_\_\_\_

7=\_\_\_\_\_

8=\_\_\_\_\_

9=\_\_\_\_\_

Using the method and rules above, but now allowing juxtaposition (that is: it's OK to use a 44, but this takes up two of your fours). Express ANY THREE of the numbers 10,11,12,13,14,15,16 (whichever three you want) using four fours.

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_