Name: $\qquad$
Warm-up (10/17/2006)

1. What is the largest number less than 100 with exactly 12 factors?
2. How many more arrangements of the word 'squares' are there than of the word 'square'?
3. A circle is inscribed in a square with perimeter 16. What is the circumference of the circle?

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## Warm-up (10/31/2006)

1. What is the slope of the line $3 x-5 y=17$ ?
2. My favorite number is tripled, the result is then reduced by 34 , and then that result is doubled. The final answer is 46 . What is my favorite number?
3. What is the area, in square centimeters, of a rectangle with a perimeter measuring 68 cm and a diagonal measuring 26 cm ?

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4. What is $\sin (30)$ ?
5. What is the sum of the integers from 1 to $12 ?$
6. What is the measure of the third side of a right triangle with a hypotenuse measuring 51 and another leg measuring 24?

Warm-up (11/14/2006)

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