Warm-up

Problem 1 Now that we know what we want fraction multiplication to do, write down a rule that would allow you to multiply any two fractions.

Problem 2 Do Activity 5A on page 98 of Beckmann.

Problem 3 Identify whether the following problems are using the measurement or the partitive interpretation of division, and draw a bar diagram.

a) Jim tied 30 sticks into 3 equal bundles. How many sticks were in each bundle?

b) 24 balls are packed into boxes of 6. How many boxes are there?

Problems

Problem 4 Do Activity 5D on page 100 of Beckmann.

Problem 5 Do Activity 9D on page 189 of Beckmann. For part 3, explain your answers using the definition of the fraction symbol and models for multiplication.

Problem 6 Do Activity 5F on page 102 of Beckmann.

Last Week's Problems

Problem 7 Do Activity 2E on page 24 of Beckmann.

Problem 8 Do Activity 2B on page 21 of Beckmann.

Problem 9 Do Activity 2G on page 25 of Beckmann.

Problem 10 Do Activity 2J on page 27 of Beckmann.

Problem 11 (This problem is taken from P & B Problem Set 24) Find a fraction smaller than 1/5. Find another fraction smaller than the one you found. Can you continue this process? Is there a smallest fraction greater than zero? Explain (give an algorithm!).