Name : _____

Topic: Math –Word Problems – Ratio

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DIRECTIONS: Answer each word problem. Use a model if necessary. Simplify your answers to its lowest term.

1. Jim brought sandwiches to the party. He brought thrice as many ham sandwiches than chicken sandwiches. There were 20 more ham sandwiches than chicken sandwiches.

   a) Draw a model.

   b) What part of the sandwiches were chicken sandwiches? _____
   c) What is the ratio of the number of ham sandwiches to the number of chicken sandwiches? _____
   d) How many ham sandwiches did he bring? _____

2. Cindy weighs $\frac{3}{4}$ as heavy as Dan. If their total mass is 105 kg, how heavy is Cindy?

3. The ratio of cake flour to bread flour in the pantry was 4:5. The ratio of bread flour to all-purpose flour was 10:4.
   a) What was the ratio of the number of cake flour to the number of bread flour to the number of all-purpose flour?

   b) If there were 66 packs of flour altogether, how many packs of flour of each kind were there?

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