a)
Recipes measure small quantities in teaspoons and tablespoons.
3 teaspoons is equivalent to 1 tablespoon.

A cake uses $\frac{3}{4}$ of a teaspoon of salt and 1 tablespoon of baking powder.

The ratio of salt to baking powder used in the recipe can be written in the form $1 : n$.

Find the value of n.

How many teaspoons of baking powder are being used?	1 tablespoon = 3 teaspoons
What is the ratio of salt to baking powder?	salt $= \frac{3}{4}$ of a teaspoon baking powder $=$ 1 tablespoon $=$ 3 teaspoons salt : baking powder $= \frac{3}{4} : 3$
How can we write this in the form $1:n$?	$\frac{3}{4} : 3$ $[\times 4] = 3 : 12$ $[\div 3] = 1 : 4$
What is the value of n?	$n = 4$

b)
Recipes measure small quantities in teaspoons and tablespoons.
3 teaspoons is equivalent to 1 tablespoon.

A cake uses $\frac{1}{2}$ of a teaspoon of salt and 1 tablespoon of baking powder.

The ratio of salt to baking powder used in the recipe can be written in the form $1 : n$.

Find the value of n.

How many teaspoons of baking powder are being used?	1 tablespoon = 3 teaspoons
What is the ratio of salt to baking powder?	salt $= \frac{1}{2}$ of a teaspoon baking powder $=$ 1 tablespoon $=$ 3 teaspoons salt : baking powder $= \frac{1}{2} : 3$
How can we write this in the form $1:n$?	
What is the value of n?	

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c)
Recipes measure small quantities in teaspoons and tablespoons.
3 teaspoons is equivalent to 1 tablespoon.

A cake uses $\frac{1}{3}$ of a teaspoon of salt and 1.5 tablespoons of baking powder.

The ratio of salt to baking powder used in the recipe can be written in the form $1 : n$.

Find the value of n.

How many teaspoons of baking powder are being used?	1 tablespoon = 3 teaspoons 1.5 tablespoons = 4.5 teaspoons
What is the ratio of salt to baking powder?	
How can we write this in the form $1:n$?	
What is the value of n?	

d)
Recipes measure small quantities in teaspoons and tablespoons.
3 teaspoons is equivalent to 1 tablespoon.

A cake uses $\frac{3}{8}$ of a teaspoon of salt and 2 tablespoons of baking powder.

The ratio of salt to baking powder used in the recipe can be written in the form $1 : n$.

Find the value of n.

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