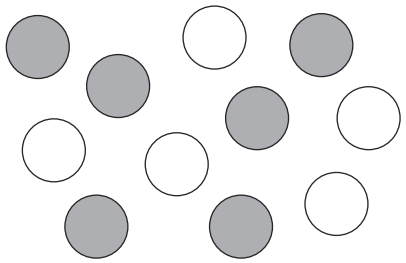
Introducing Ratio

1. For each question, write the ratio of one group compared to the other.

a. What is the ratio of grey to white?



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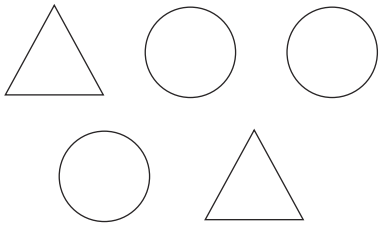
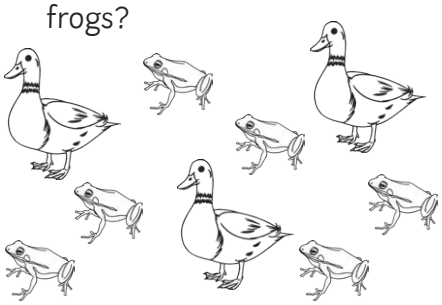
b. What is the ratio of triangles to circles?



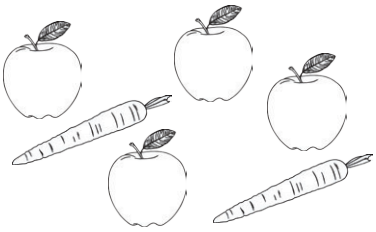
____ : ____

c. What is the ratio of ducks to frogs?



____ : ____

d. What is the ratio of apples to carrots?

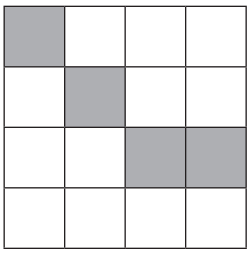


____ : ____

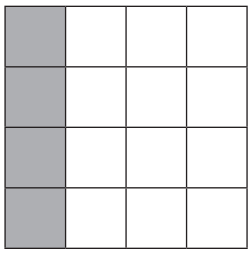
e. Draw 14 letters (A and B) in total to the ratio of A:B 1:1

f. There are 18 items in total - spoons and mugs. Draw the items to make this ratio correct - mugs:spoons 2:1

2. For each grid, write the **unsimplified** ratio of shaded to unshaded squares. Then, rearrange the squares in the blank grid so that the ratio is represented in the simplest way. Using this, **simplify** the original ratio in the space below. An example has been done for you.

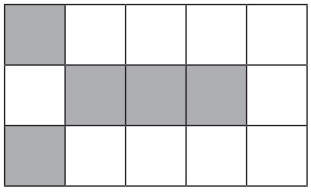


4 : **12**

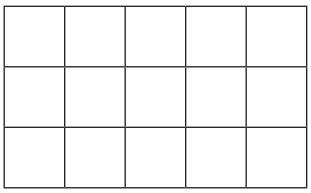


1 : **3**

a.

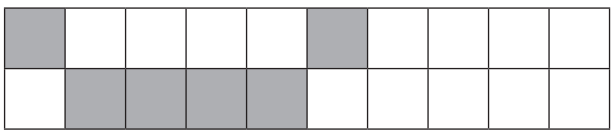


____ : ____



____ : ____

b.



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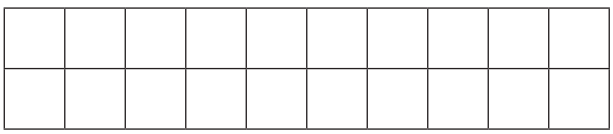

____ : ____

3. Complete the sequences of equivalent ratios. The first one is done for you.

1:2	2:4	3:6	4:8	5:10	6:12
1:4	2:8	3:12			
3:1	6:2				
	4:10				
		9:21			
					24:30

Introducing Ratio **Answers**

1. For each question, write the ratio of one group compared to the other.

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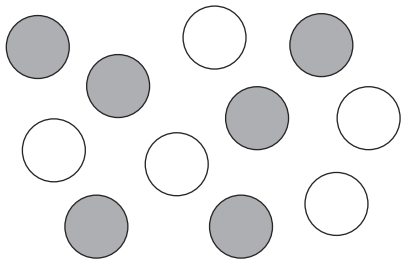
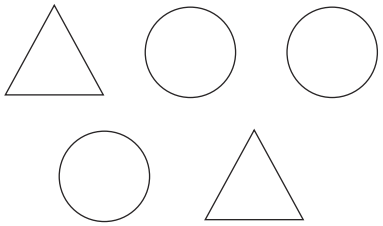


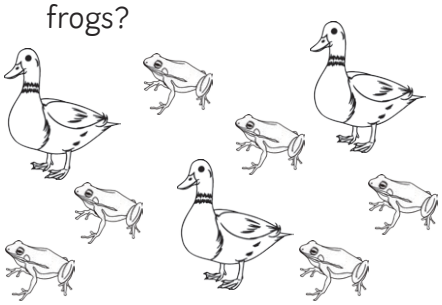
6:5

b. What is the ratio of triangles to circles?



2:3

c. What is the ratio of ducks to frogs?



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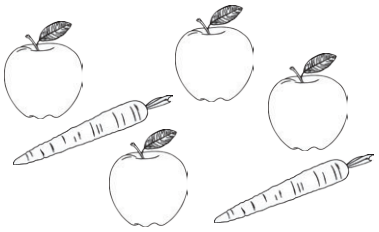
d. What is the ratio of apples to carrots?



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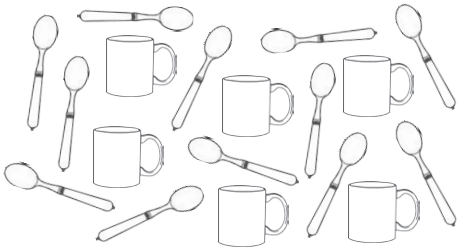
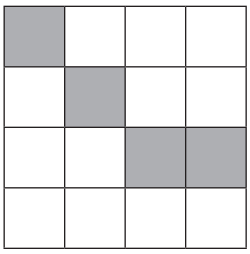
A A A B B A B A B B A B B A

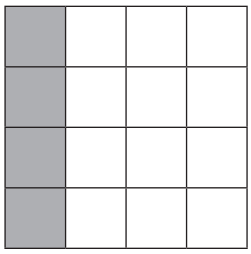
f. There are 18 items in total - spoons and mugs. Draw the items to make this ratio correct - spoons:mugs 2:1



2. For each grid, write the **unsimplified** ratio of shaded to unshaded squares. Then, rearrange the squares in the blank grid so that the ratio is represented in the simplest way. Using this, **simplify** the original ratio in the space below. An example has been done for you.

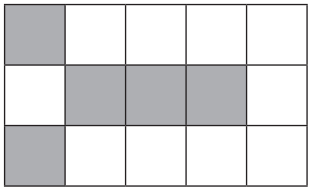


4 : **12**

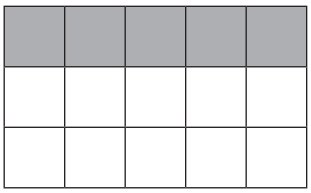


1 : **3**

a.

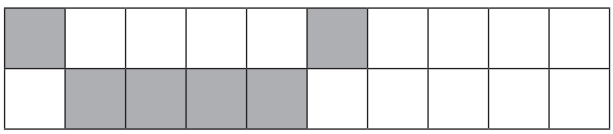


5:10

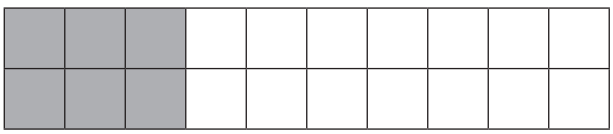


1:2

b.



6:14



3:7

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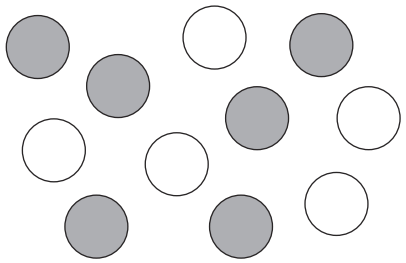

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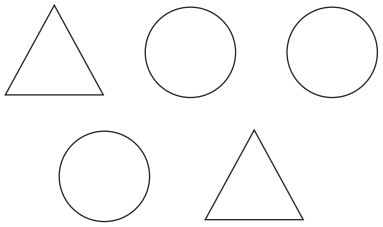

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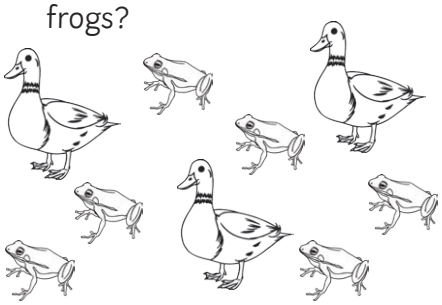

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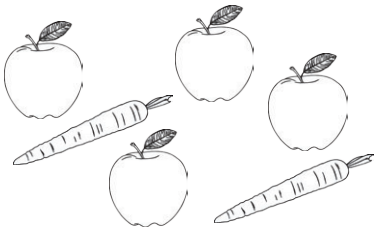

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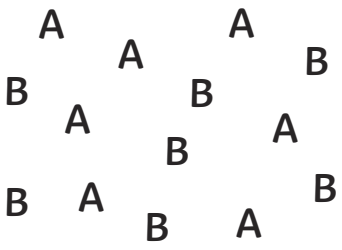

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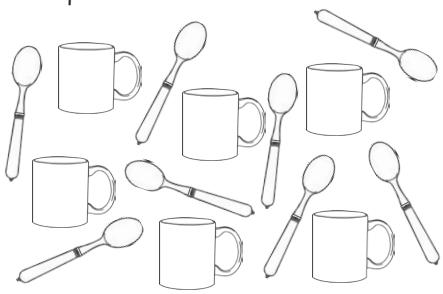

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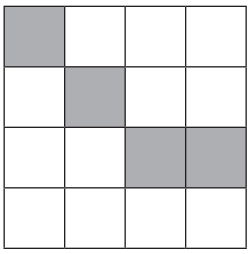
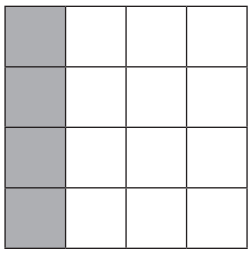


4 : **12**



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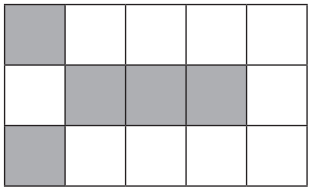
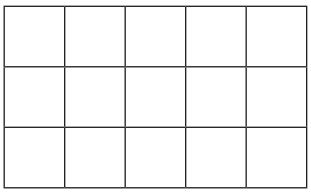


____ : ____



____ : ____

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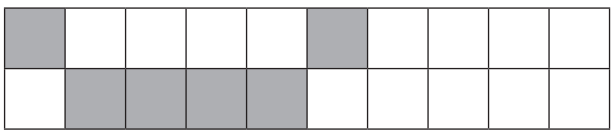

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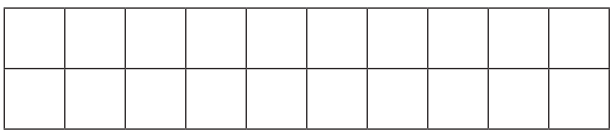

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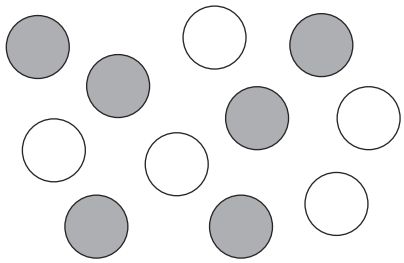

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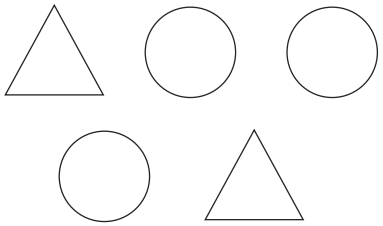

2:3

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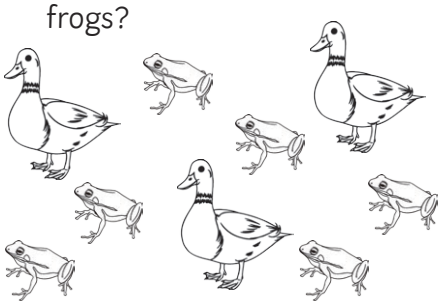

3:6 or 1:2

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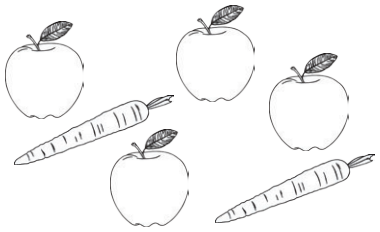

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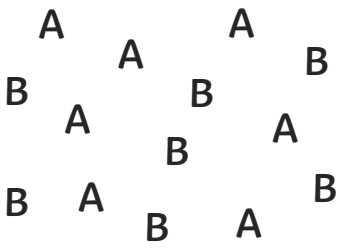

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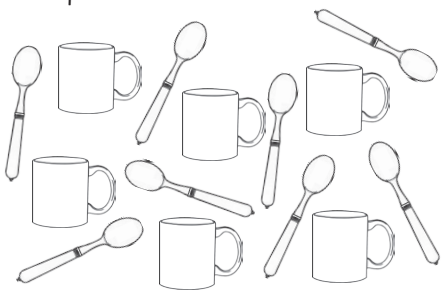

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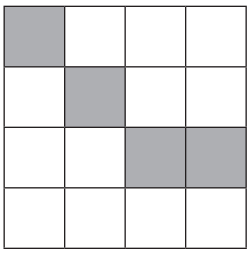

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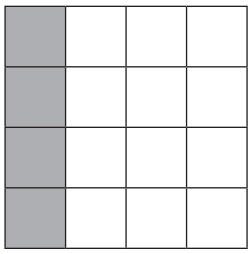

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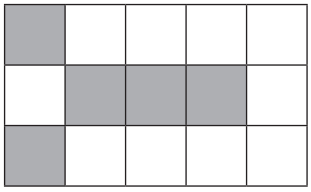

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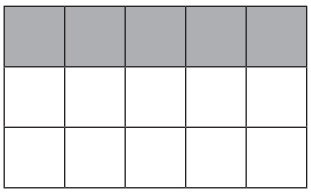

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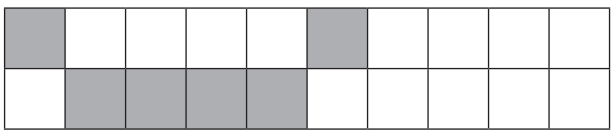

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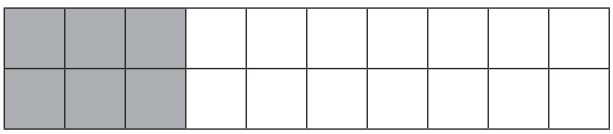

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