

### Lesson 3 – Composition of 5

Small step:  
Composition of 5

Resources needed:  
5 beanbags / balls  
A hoop or a bucket.  
Differentiated Worksheets  
Teaching Slides

Vocabulary:  
How many? composed, altogether

In this lesson, the children will explore the composition of the number 5 by counting how many balls or bean bags land inside and outside a hoop when 5 are thrown.

Key questions:  
How many balls are inside the hoop? How many balls are outside the hoop?  
How many counters are red? How many are yellow?

#### ★ Working Towards

#### ★★ Working Within

#### ★★★ Greater Depth

Alive in 5! 'Composition of 5' Fluency & Precision R

The animals throw 5 balls at the hoop.  
Count and write how many balls land inside the hoop.

5

4

3

2

1

0

Alive in 5! 'Composition of 5' Fluency & Precision R

The animals throw 5 balls at the hoop.  
How many land outside the hoop? How many land inside?

Alive in 5! 'Composition of 5' Fluency & Precision R

The animals throw 5 balls at the bucket.  
How many land outside the bucket? How many land inside?

The balls are arranged in dice patterns to scaffold children's counting / subitising. They are given the numeral for how many balls are outside the hoop. They need to count how many land inside the hoop.

Children count how many balls land inside the hoop and how many land outside the hoop.

The animals throw 5 balls at the bucket. We can see how many balls have landed outside the bucket and need to work out how many landed inside the bucket.

### Reasoning & Problem Solving

Alive in 5! 'Composition of 5' Reasoning & Problem Solving R

True or False?  
Tia throws 5 balls.  
I scored 3!

Explained to an adult?

True or False?

The animals throw 5 balls at the hoop.  
Count and write how many balls land inside the hoop.

5

4

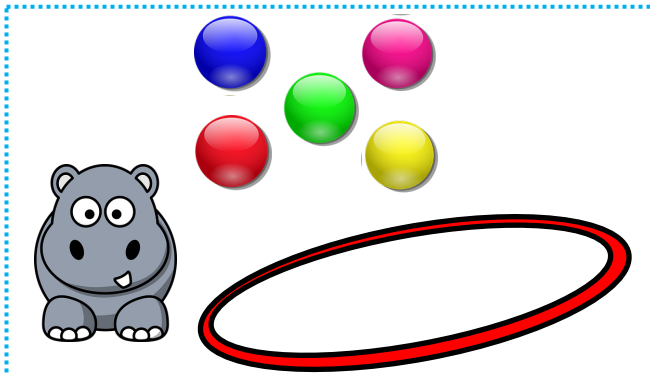
3

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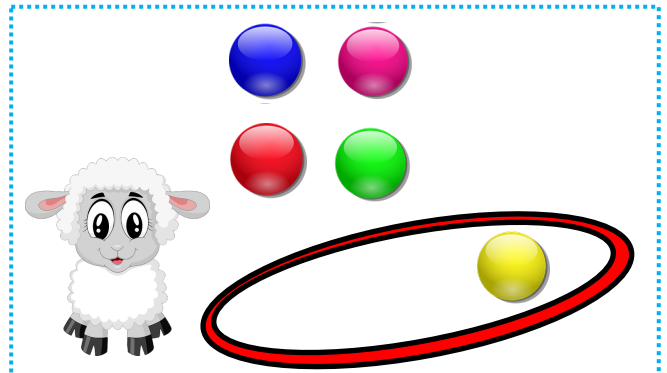
1

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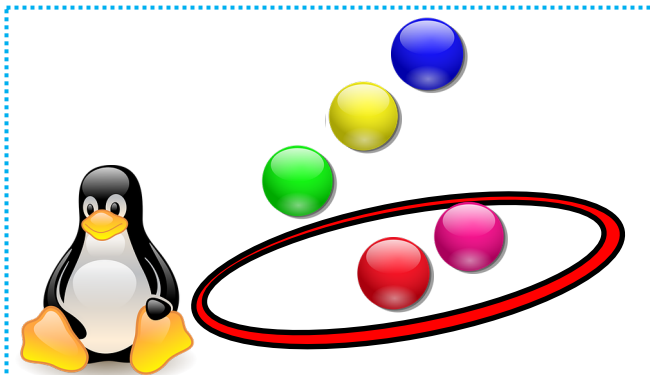
The animals throw 5 balls at the hoop.  
Count and write how many balls land inside the hoop.



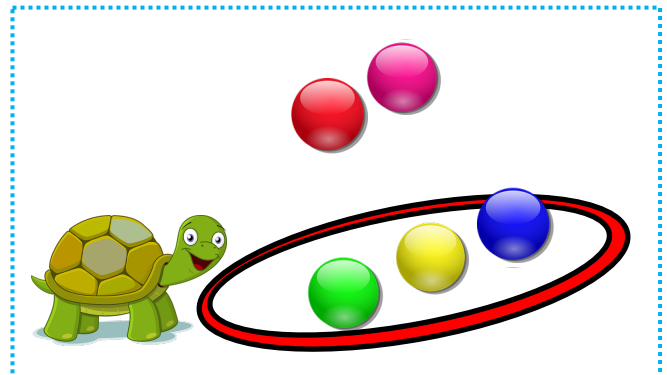
5 0



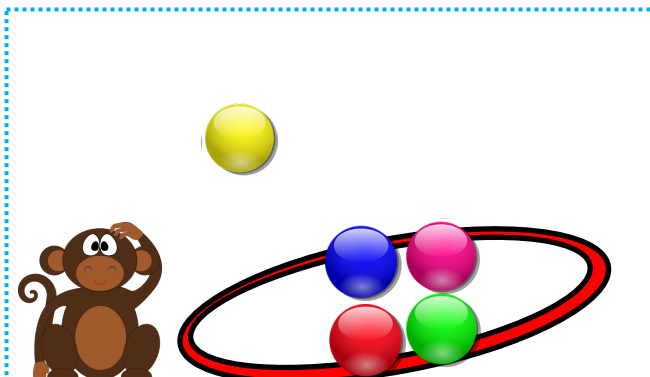
4 1



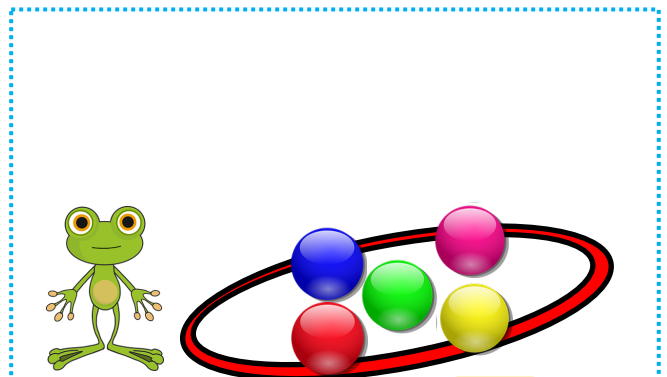
3 2



2 3



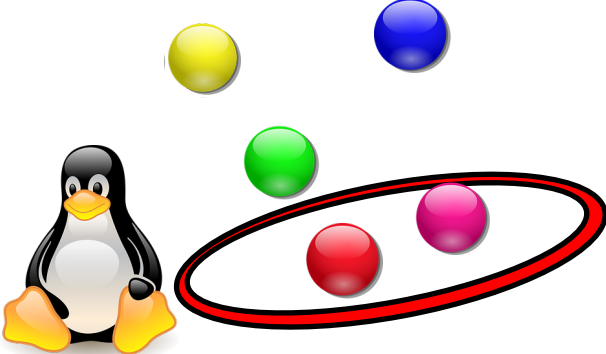
1 4



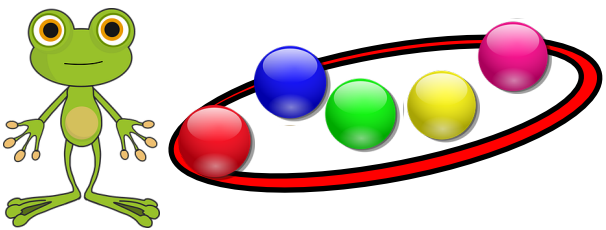
0 5

The animals throw 5 balls at the hoop.  
How many land **outside** the hoop? How many land **inside**?

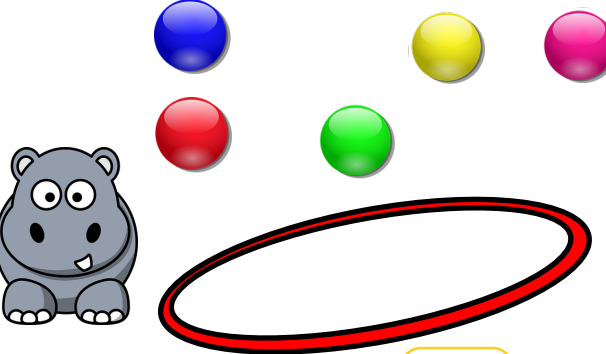
The animals throw 5 balls at the hoop.  
How many land **outside** the hoop? How many land **inside**?



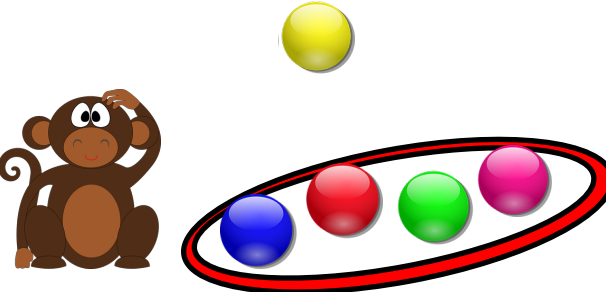
3      2



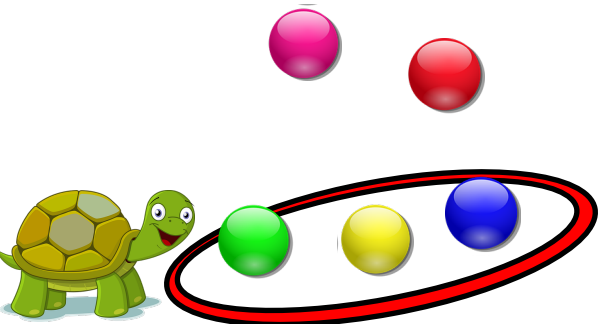
0      5



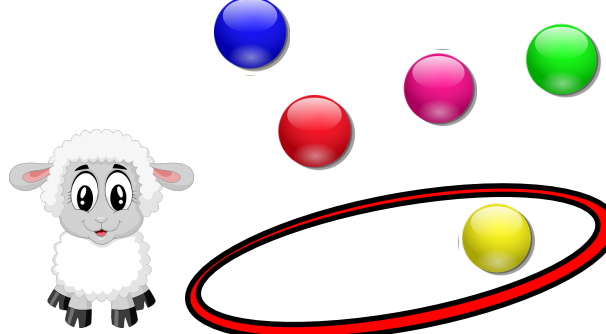
5      0



1      4

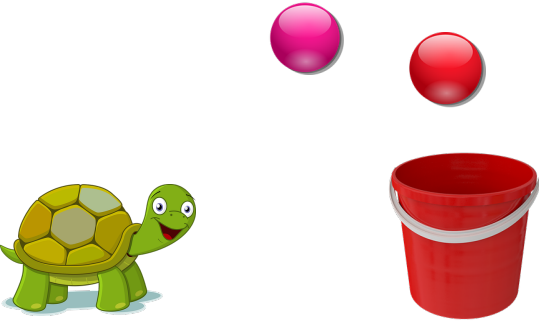


2      3

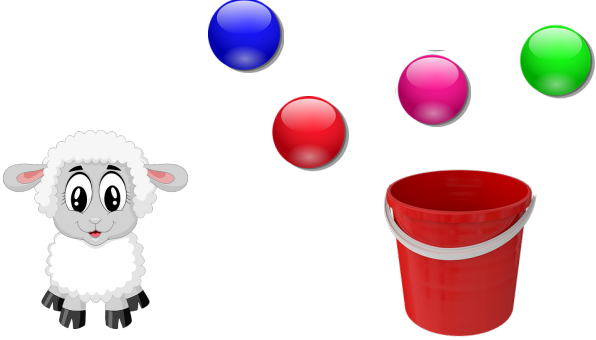


4      1

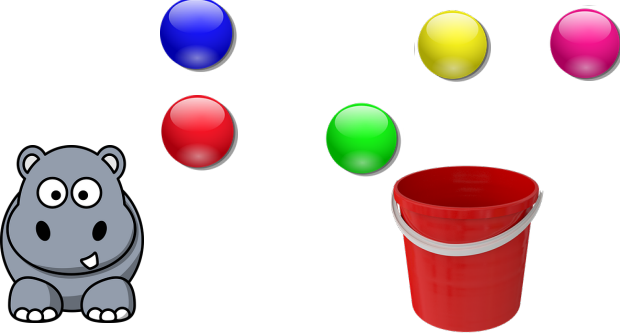
The animals throw 5 balls at the bucket.  
 How many land **outside** the bucket? How many land **inside**?



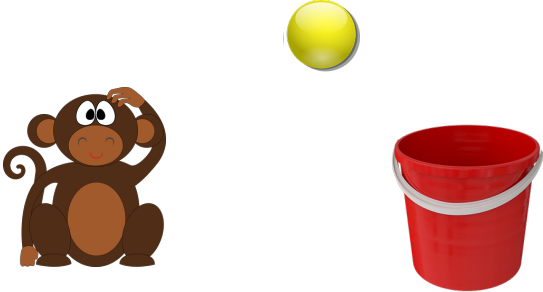
A cartoon turtle is on the left. To its right are two balls: a pink one and a red one. Further right is a red bucket. Below the turtle is a red square box, and below the bucket is a yellow square box.



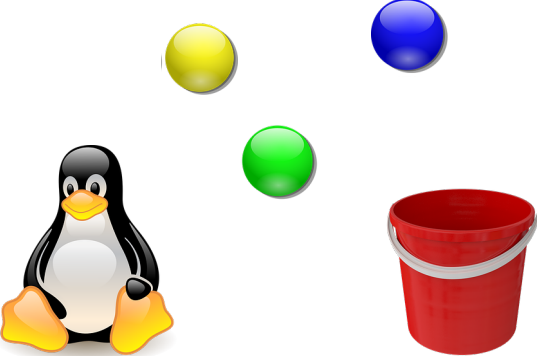
A cartoon sheep is on the left. To its right are four balls: a blue one, a red one, a pink one, and a green one. Further right is a red bucket. Below the sheep is a red square box, and below the bucket is a yellow square box.



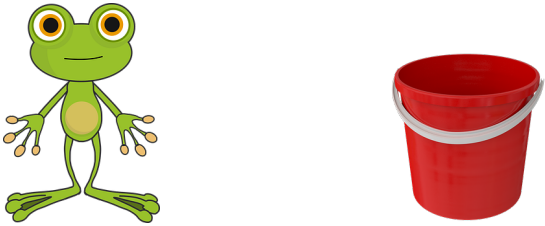
A cartoon hippo is on the left. To its right are five balls: a blue one, a red one, a green one, a yellow one, and a pink one. Further right is a red bucket. Below the hippo is a red square box, and below the bucket is a yellow square box.



A cartoon monkey is on the left. To its right is one yellow ball. Further right is a red bucket. Below the monkey is a red square box, and below the bucket is a yellow square box.



A cartoon penguin is on the left. To its right are three balls: a yellow one, a green one, and a blue one. Further right is a red bucket. Below the penguin is a red square box, and below the bucket is a yellow square box.



A cartoon frog is on the left. To its right is a red bucket. Below the frog is a red square box, and below the bucket is a yellow square box.

The animals throw 5 balls at the bucket.  
 How many land **outside** the bucket? How many land **inside**?

A cartoon turtle is on the left. To its right are two balls (one pink, one red) positioned above a red bucket. Three balls (one red, one pink, one green) are positioned inside the bucket. Below the turtle is a red box containing the number 2. Below the bucket is a yellow box containing the number 3.

A cartoon sheep is on the left. To its right are four balls (one blue, one red, one pink, one green) positioned above a red bucket. One ball (one red) is positioned inside the bucket. Below the sheep is a red box containing the number 4. Below the bucket is a yellow box containing the number 1.

A cartoon hippo is on the left. To its right are five balls (one blue, one red, one green, one yellow, one pink) positioned above a red bucket. No balls are inside the bucket. Below the hippo is a red box containing the number 5. Below the bucket is a yellow box containing the number 0.

A cartoon monkey is on the left. To its right is one ball (yellow) positioned above a red bucket. Four balls (one red, one pink, one green, one yellow) are positioned inside the bucket. Below the monkey is a red box containing the number 1. Below the bucket is a yellow box containing the number 4.

A cartoon penguin is on the left. To its right are three balls (one yellow, one green, one blue) positioned above a red bucket. Three balls (one red, one pink, one green) are positioned inside the bucket. Below the penguin is a red box containing the number 2. Below the bucket is a yellow box containing the number 3.

A cartoon frog is on the left. To its right are five balls (one red, one pink, one green, one yellow, one blue) positioned inside a red bucket. No balls are outside the bucket. Below the frog is a red box containing the number 0. Below the bucket is a yellow box containing the number 5.

True or False?

Tia throws 5 balls.



I scored 3!



Explained to an adult?

True or False?

Tia throws 5 balls.



I scored 3!



Explained to an adult?

True or False?

Tia throws 5 balls.



I scored 3!



Children should explain that it is true because we can see that there are two balls and 2 add 3 is equal to 5.

Master the Curriculum

True or False?

Tia throws 5 balls.



I scored 3!



Children should explain that it is true because we can see that there are two balls and 2 add 3 is equal to 5.

Master the Curriculum