

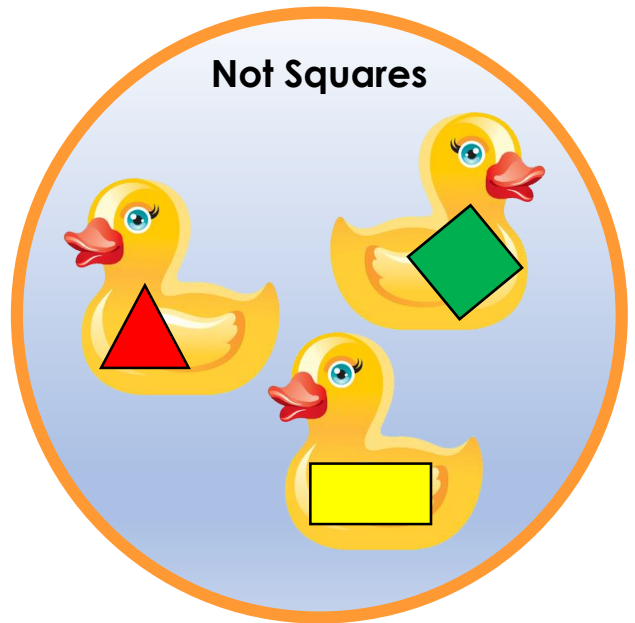
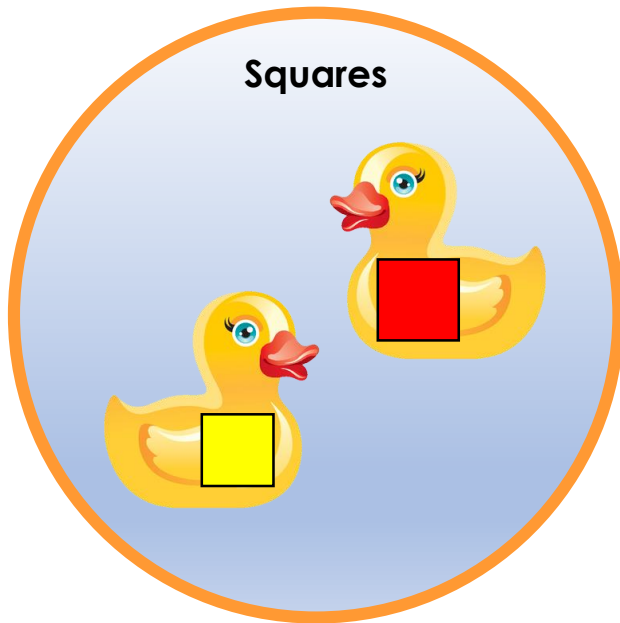
Reasoning and Problem Solving
Geometry Shape Consolidation – Year 1

The children at Lime Street School are enjoying the school fayre. There are lots of fun rides, games and stalls.



1. There is a hook-a-duck game.
The children can't wait to have a go.
There are 2 pools.

The children must hook the ducks and then put them into the correct pool.



Ahmed has already had a go.
Has he won the game? _____
Explain how you know.

Ahmed tries again and this time he wins a chocolate bar.

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2. Dan and Rana are playing a bowling game.
The shapes have been sorted because different shapes score different points.



But Dan spots something wrong! Explain what is wrong?

3. Here is the score board:

pyramids	1 point
cones	2 points



Rana knocks over 3 pyramids and a cone. What is her score?

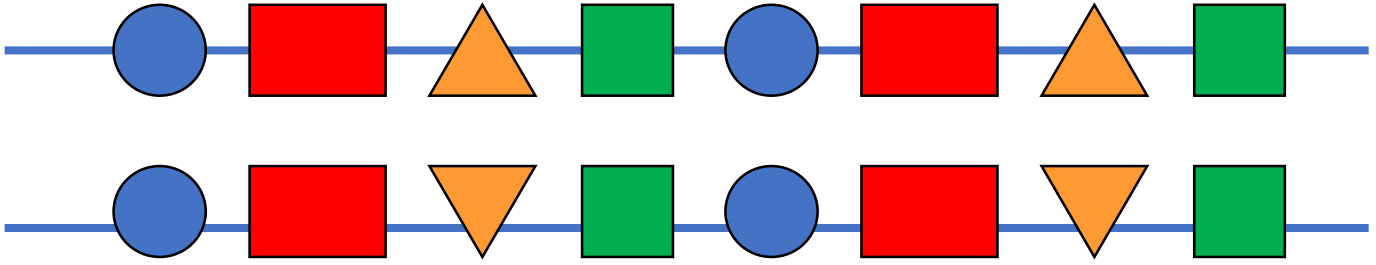


Dan knocks over 2 pyramids and 2 cones. What is his score?

Who won the game?

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4. Atifa and Sean are making bracelets at the craft stall. They have both created a pattern with their beads.



Sean

Our patterns
are the same.

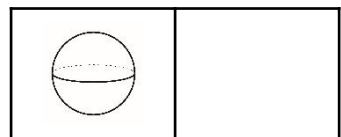
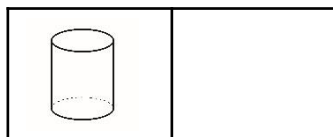
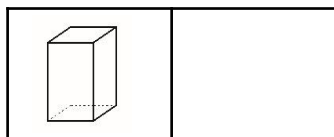
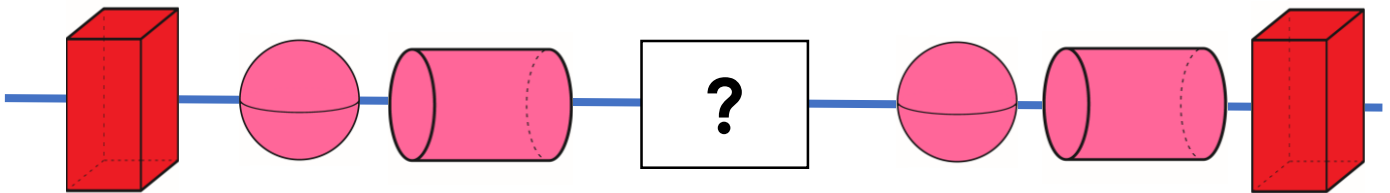
Our patterns
are different.



Atifa

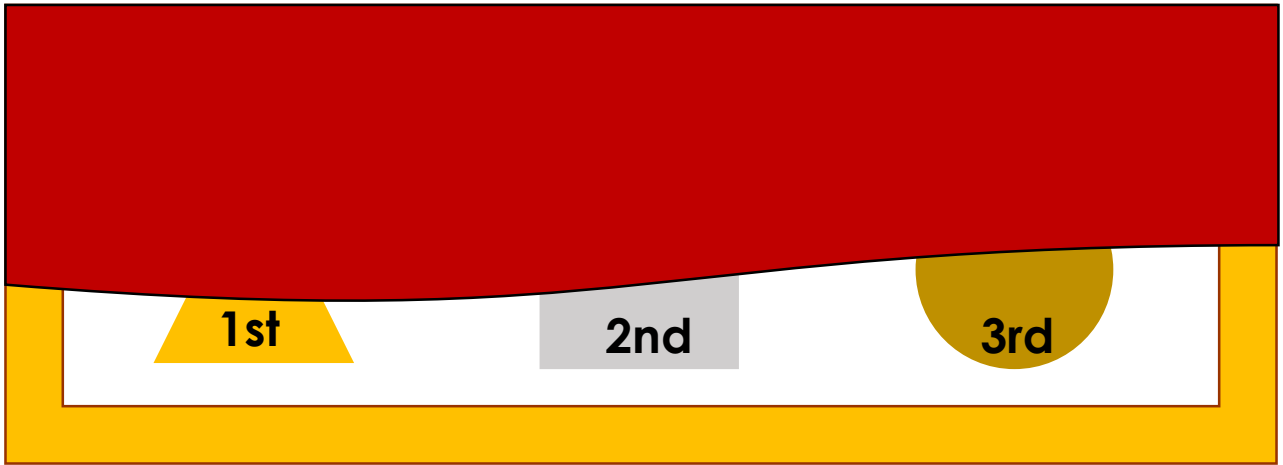
Who do you agree with? Explain why.

5. Atifa makes a necklace to go with her bracelet. She creates a pattern with her beads but gets confused. Tick the shape that is missing?



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It is time for the running race.
The medals are covered up to keep them shiny and clean.



The children are trying to guess the shape of each medal.

6. What shape could each medal be?
Tick the shape and explain your thinking.

<u>1st place</u>	square	
	circle	
	triangle	

<u>2nd place</u>	square	
	rectangle	
	triangle	

<u>3rd place</u>	rectangle	
	circle	
	triangle	