

1

Ron, Amir and Alex record the scores of six football matches. Unfortunately, Ron spilt paint on them.

Record the results based on what the children remember.

Match	Number of goals  = 2 goals
1	
2	
3	
4	
5	
6	



Match 1 had 3 more goals than match 3

Match 6 had 1 less goal than match 2



Match 4 had twice as many goals as match 3

2

Whitney and Teddy are making pictograms to show how many chocolate eggs each class won at the school fair.



Class	Number of eggs
1	
2	
3	
4	
5	
6	

**Key**  
 = 5 eggs

Class	Number of eggs
1	
2	
3	
4	
5	
6	

**Key**  
 = 10 eggs

What's the same and what's different about their pictograms?  
Whose pictogram do you prefer and why?

Which would be more suitable to represent this information, a bar chart or a pictogram?

Explain why.

Child	Number of Skips in 30 Seconds
Teddy	12
Annie	15
Whitney	17
Ron	8

Answers

1

Possible answer:

Match	Number of goals
1	
2	
3	
4	
5	
6	

2

Possible answer:

Same image/symbol for key, same total of eggs, different values for the key...

3

Possible answer:

I think a bar chart would be more suitable because in a pictogram you would need to draw symbols representing 1 or 2 which would make it less efficient. Children may draw both to experiment which representation is clearer.