Paper money for Monopoly (version B)

This task is about using evidence to answer questions about properties of paper.



A class of Year 6 students are creating a Samoan version of Monopoly. They would like to copy Samoan money but cannot decide on which paper to use in their game. In order to make the 'right' decision, students decided to carry out some science investigations on different types of paper

a) Students planned and carried out four investigations on the properties of paper. Their results are provided in the following table. They rated each property using a scale: 1 2 3 4 5. Where 1 = poor, and 5 = good.

Use the information from the table to answer the following questions about the properties of paper.

Investigation	Photocopier paper	Newsprint	Drawing paper	Butcher (craft) paper	Thin card
Grease absorbency	3	5	2-3	1	1-3
Durability	4	1	3-4	4-5	3
Bendable	4	5	3	2-3	1
See through	2	5	1	1	1

i)	Which	paper	absorbs	the	least	amount	of	grease?
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O Photocopier paper	O Newsprint
O Drawing paper	O Butcher (craft) paper
O Thin card	

ii) Which paper is the most durable?

O Photocopier paper	O Newsprint
O Drawing paper	O Butcher (craft) paper
O Thin card	

iii) Which paper is easy to bend?

O Photocopier paper	O Newsprint
O Drawing paper	Butcher (craft) paper
O Thin card	

)	You can select more than one option					
0	Photocopier paper	O Newsprint				
0	Drawing paper	O Butcher (craft) paper				
0	Thin card					
) If the class used all the data collected in the tab r monopoly money?	ole, which paper should the students use to make				
0	Photocopier paper	O Newsprint				
0	Drawing paper	O Butcher (craft) paper				
0	Thin card					
ii) E>	xplain to the students why they should use the pa	aper described in 'i)' above.				
	If you carried out the investigations, is it likely y chart?	our results would be exactly the same as those in				
	YES NO					
ii) E>	xplain your answer.					
	f scientists are to make a decision about Monopo en they plan their investigations for the same que	oly money, which of the following ideas are useful estions?				
Inve	estigation Ideas					
Use	different paper colours for each test Useful No	ot useful Don't know				
Keep the paper the same size for each test Useful Not useful Don't know						
Rep	Repeat the test lots of times for each paper Useful Not useful Don't know					
Sam	Same person will collect the data for each test Useful Not useful Don't know					

Keep the paper the same thickness for each test Useful | Not useful | Don't know

iv) Which paper(s) can be photocopied on both sides without showing through on the other side?

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