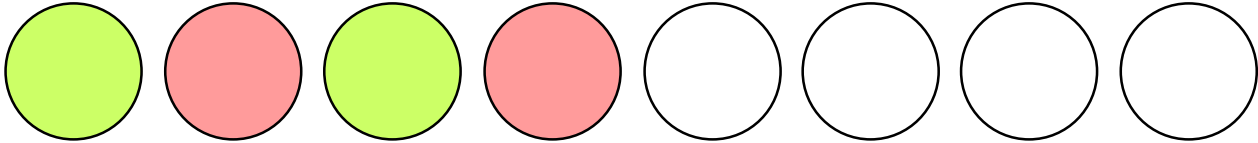


Patterns with 3D and 2D shapes

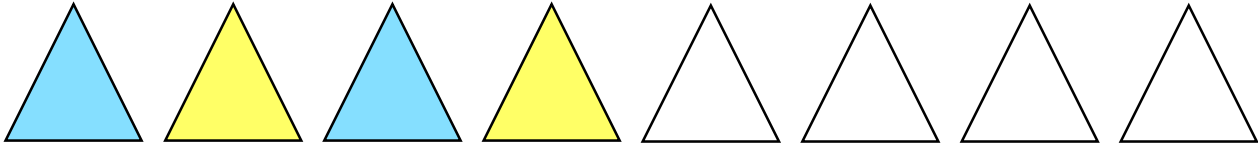


1 Continue the patterns.

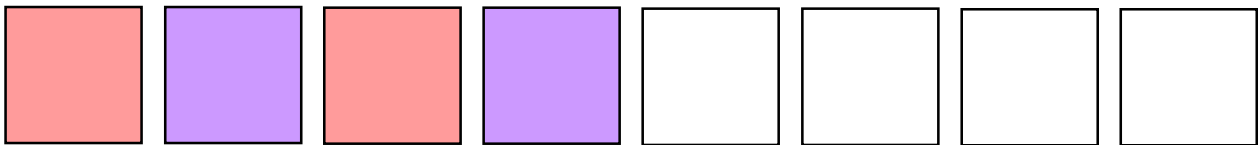
a



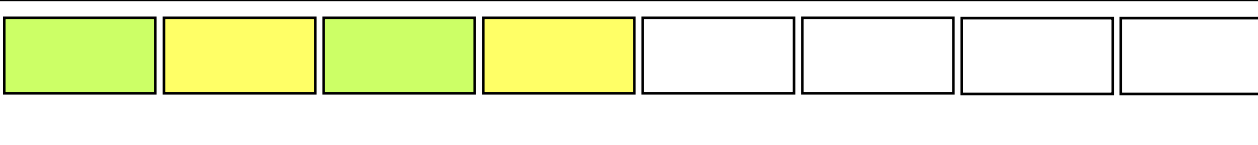
b



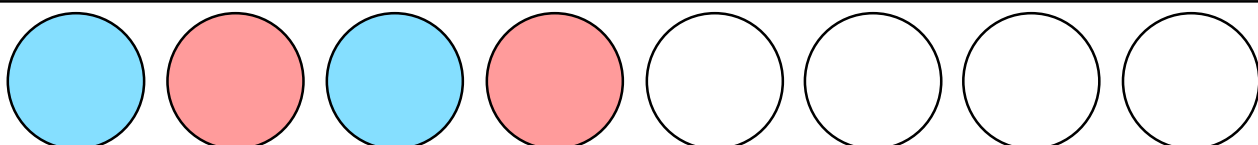
c



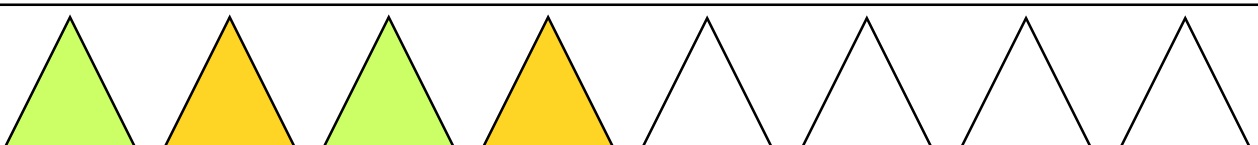
d



e



f



2 Draw and colour your own patterns in the spaces below.

a

b

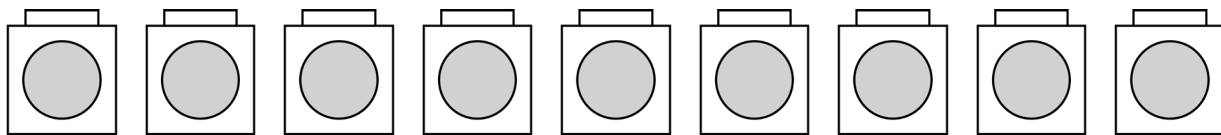
c

Patterns with 3D and 2D shapes

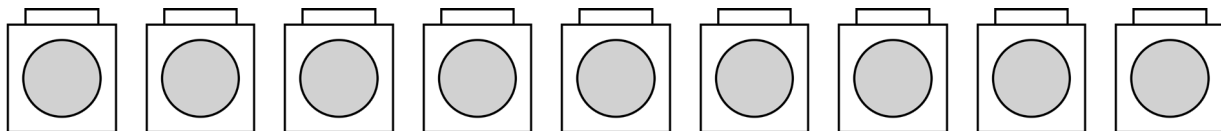


1 Using the blocks below, create and continue the pattern.

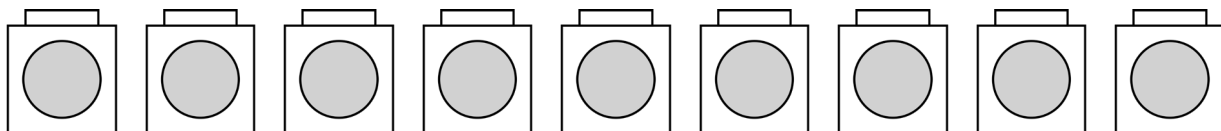
- a 1st - blue
2nd - yellow
3rd - red



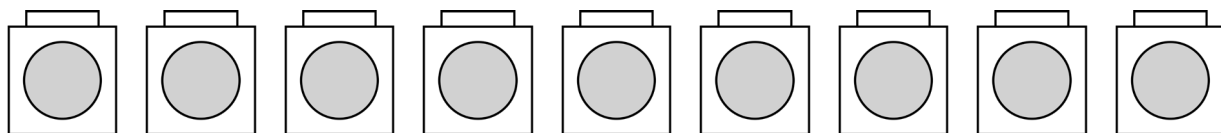
- b 1st - green
2nd - pink
3rd - purple



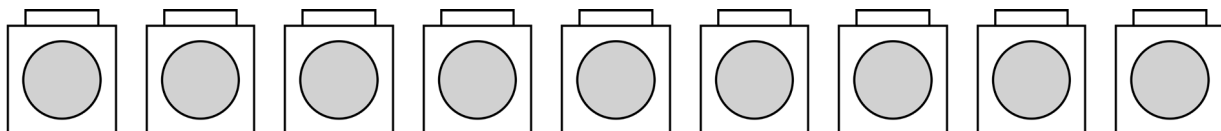
- c 1st - orange
2nd - blue
3rd - green



- d 1st - yellow
2nd - purple



- e 1st - red
2nd - orange
3rd - blue

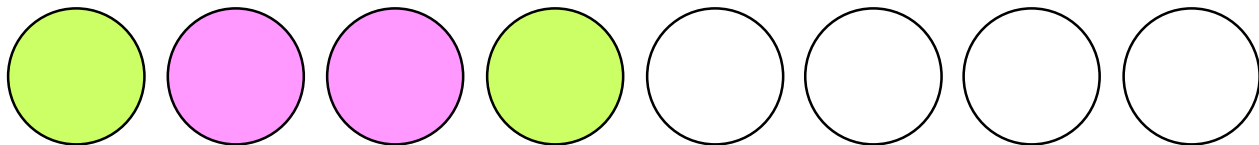


Patterns with 3D and 2D shapes

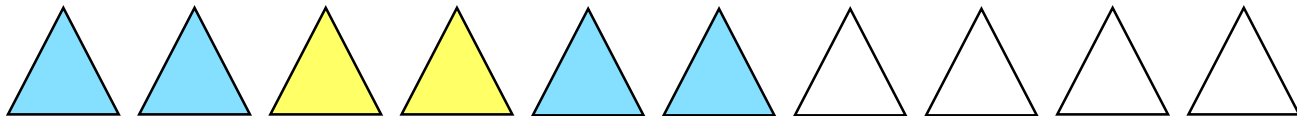


1 Continue the patterns.

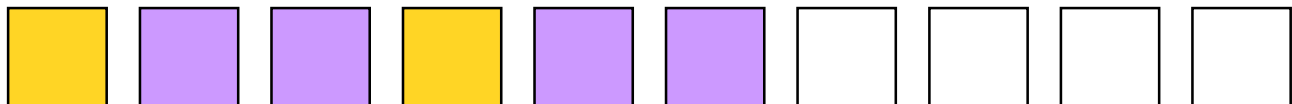
a



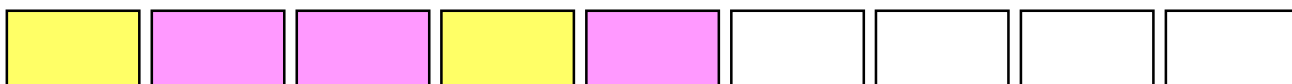
b



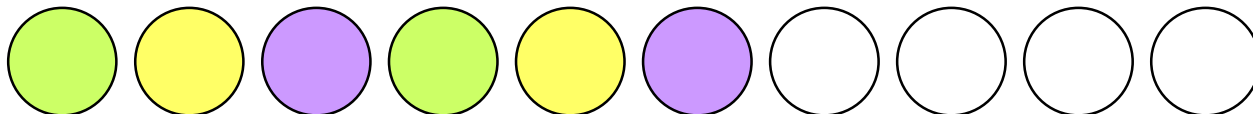
c



d



e



f



2 Draw and colour your own patterns in the spaces below.

a

b

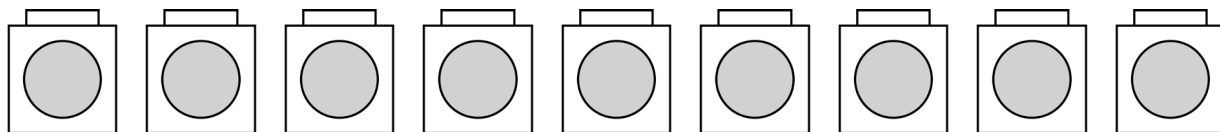
c

Patterns with 3D and 2D shapes

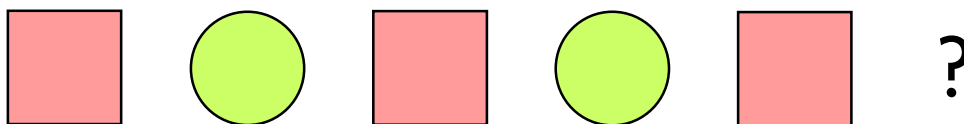


1 Using the blocks below, create and continue the pattern.

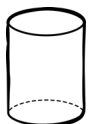
1st - blue
2nd - yellow
3rd - yellow
4th - blue



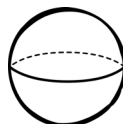
2 The pattern below has been created by printing 3D shapes.



Circle the correct 3D shape that you would use next to continue the pattern.



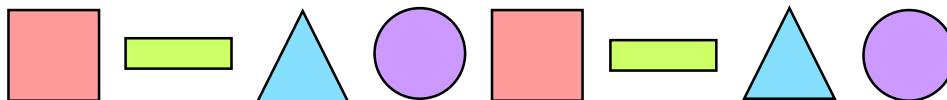
Cylinder



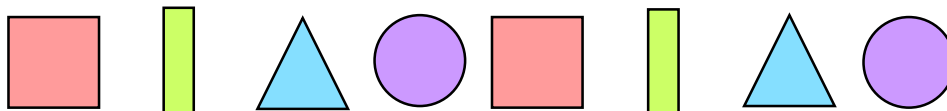
Sphere

3 Mo and Sue each created a pattern.

Mo's pattern:



Sue's pattern:



Mo

Our patterns are exactly the same.



Sue

Our patterns are different.

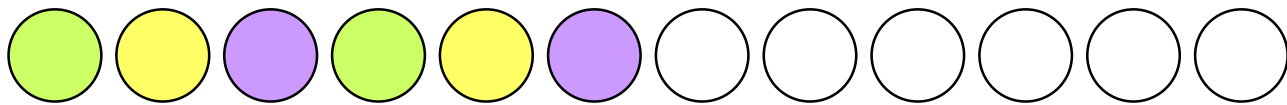
Who do you agree with?
Explain your answer.

Patterns with 3D and 2D shapes

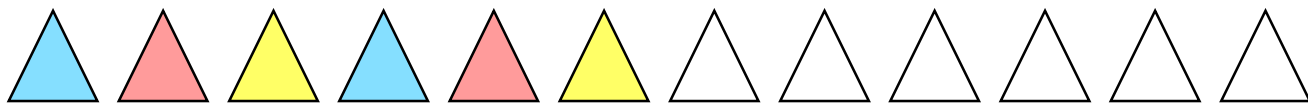


1 Continue the patterns.

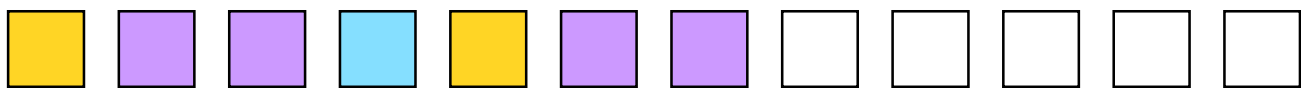
a



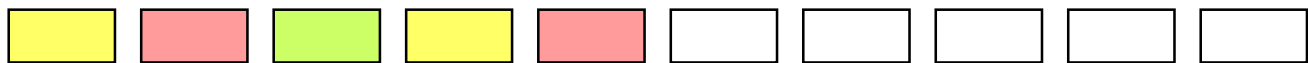
b



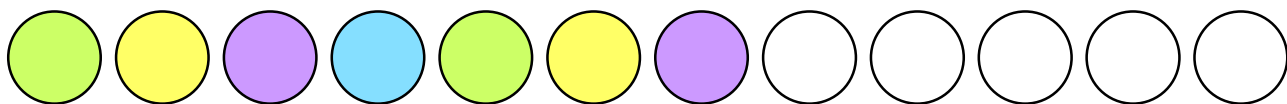
c



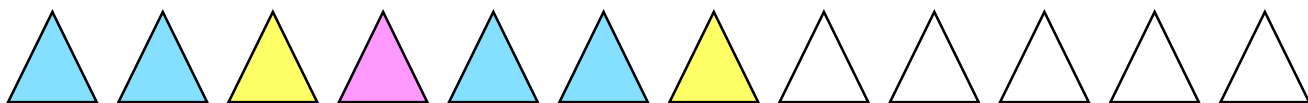
d



e



f



2 Draw and colour your own patterns in the spaces below.

a

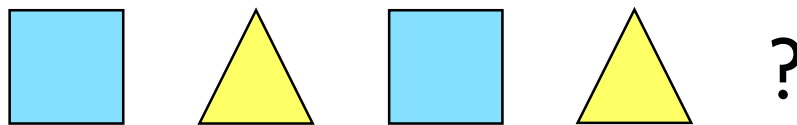
b

c

Patterns with 3D and 2D shapes



- 1 The pattern below has been created by printing 3D shapes.



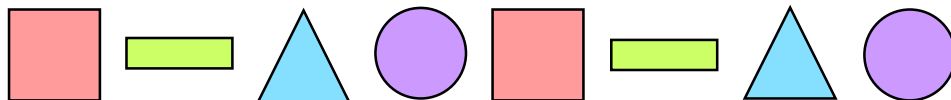
Circle the correct 3D shape that you would use next to continue the pattern.

Cylinder

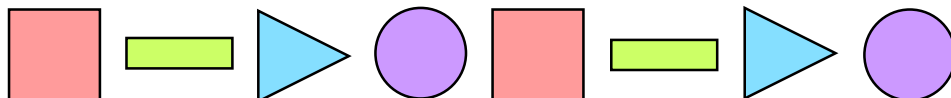
Pyramid

- 2 Matt and Tam each created a pattern.

Matt's pattern:



Tam's pattern:



Matt

Our patterns are different.

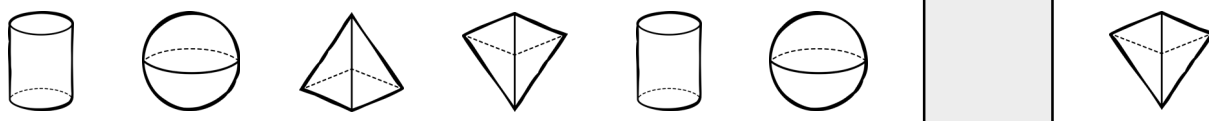


Tam

Our patterns are exactly the same.

Who do you agree with?
Explain your answer.

- 3 Look at the pattern below.



Which shape should go in the shaded box? Create the pattern to check this.

Answers

To avoid wasting paper & ink,
please do not print this page.

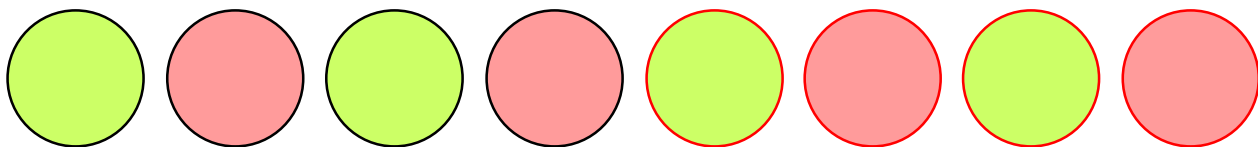


Patterns with 3D and 2D shapes

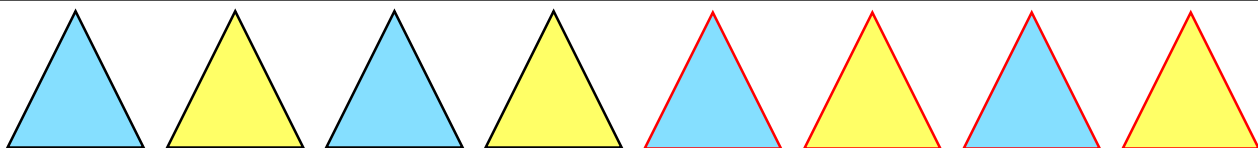


1 Continue the patterns.

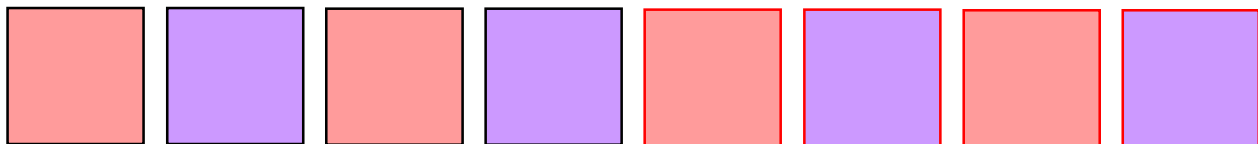
a



b



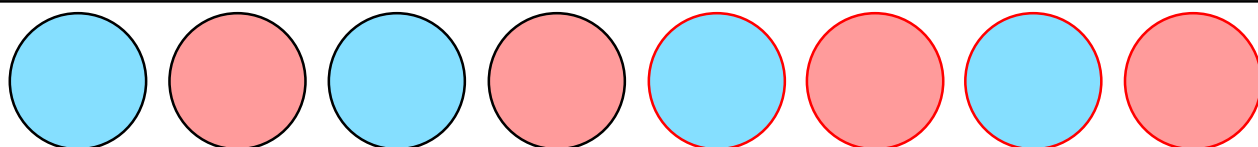
c



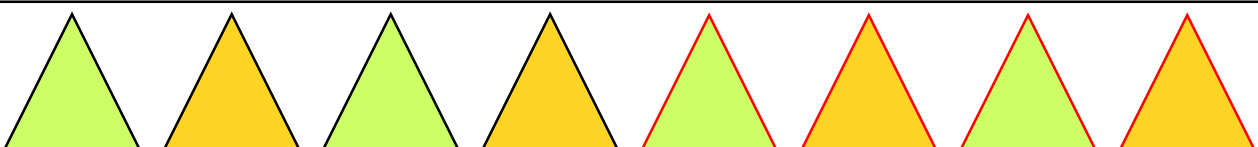
d



e



f



2 Draw and colour your own patterns in the spaces below.

Ensure children draw and colour their pattern correctly.

a

b

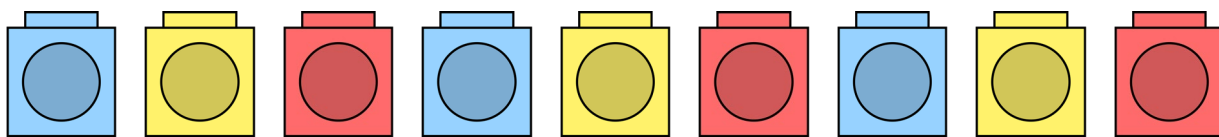
c

Patterns with 3D and 2D shapes

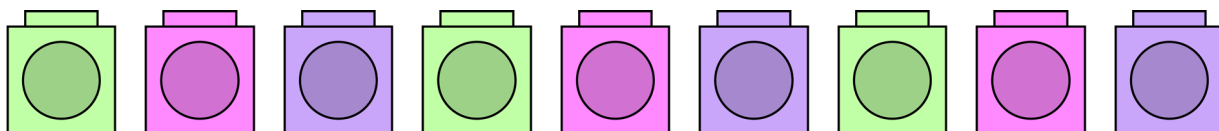


1 Using the blocks below, create and continue the pattern.

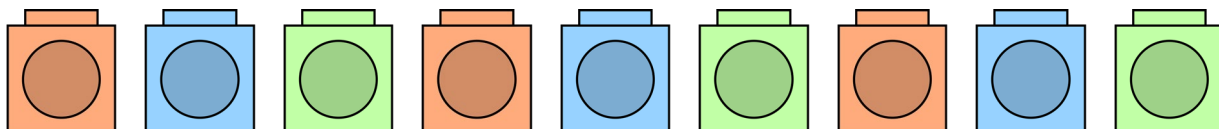
- a 1st - blue
2nd - yellow
3rd - red



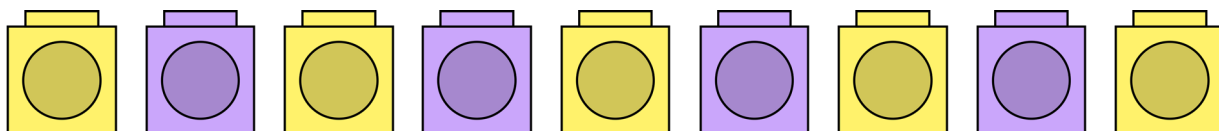
- b 1st - green
2nd - pink
3rd - purple



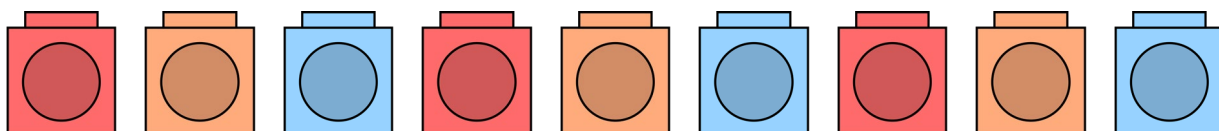
- c 1st - orange
2nd - blue
3rd - green



- d 1st - yellow
2nd - purple



- e 1st - red
2nd - orange
3rd - blue

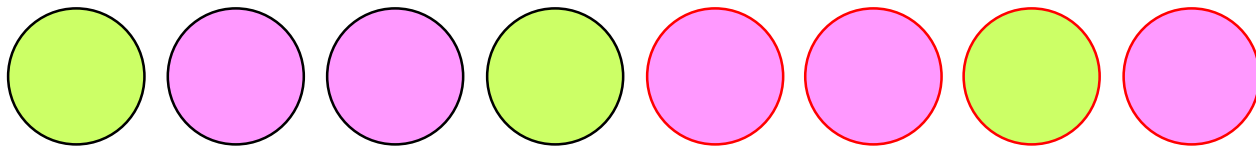


Patterns with 3D and 2D shapes

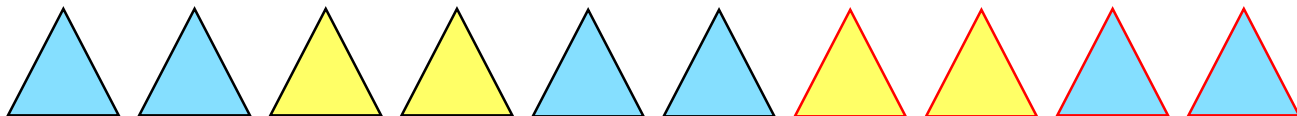


1 Continue the patterns.

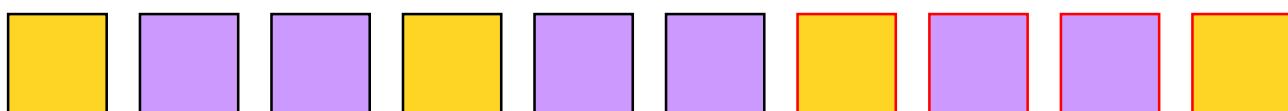
a



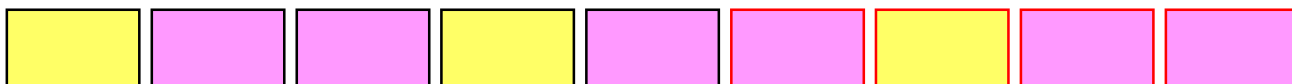
b



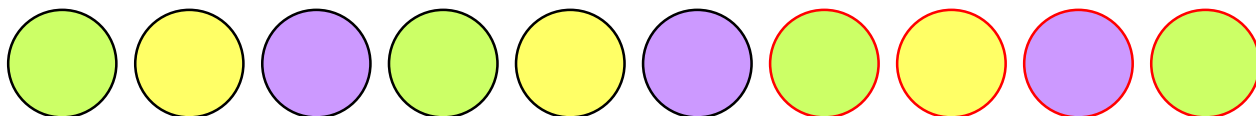
c



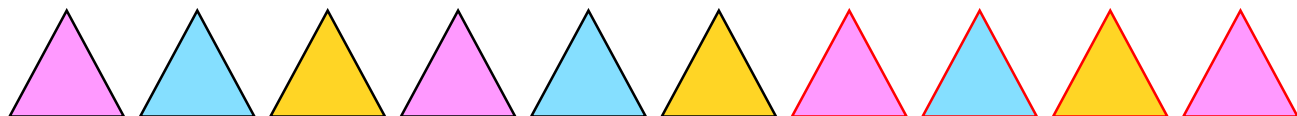
d



e



f



2 Draw and colour your own patterns in the spaces below.

Ensure children draw and colour their pattern correctly.

a

b

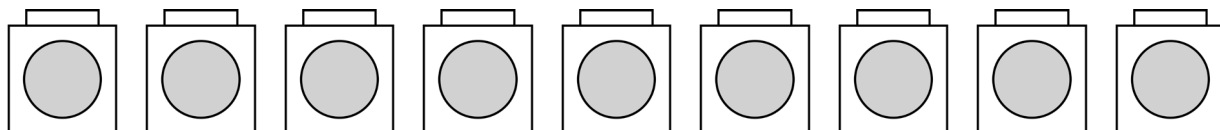
c

Patterns with 3D and 2D shapes

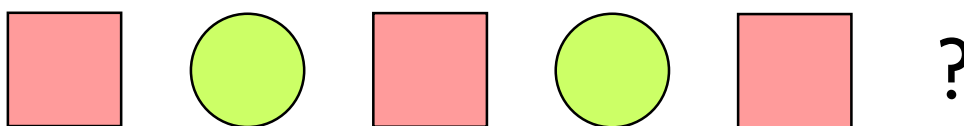


- 1 Using the blocks below, create and continue the pattern.

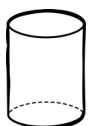
1st - blue
2nd - yellow
3rd - yellow
4th - blue



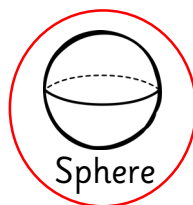
- 2 The pattern below has been created by printing 3D shapes.



Circle the correct 3D shape that you would use next to continue the pattern.



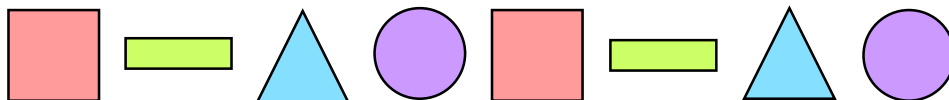
Cylinder



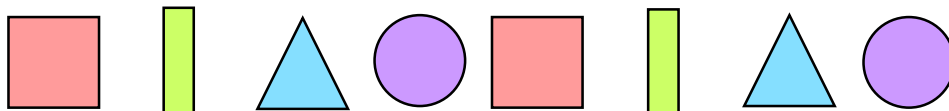
Sphere

- 3 Mo and Sue each created a pattern.

Mo's pattern:



Sue's pattern:



Mo

Our patterns are exactly the same.



Sue

Our patterns are different.

Who do you agree with?
Explain your answer.

Sue is correct.

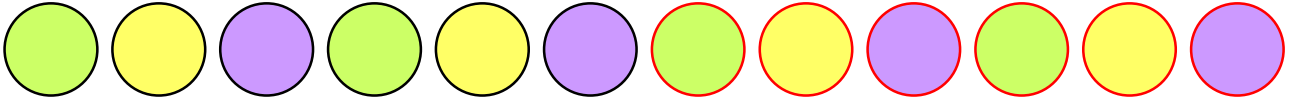
The patterns are different as the rectangle is a different orientation.

Patterns with 3D and 2D shapes

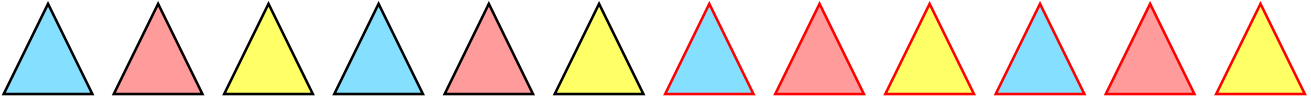


1 Continue the patterns.

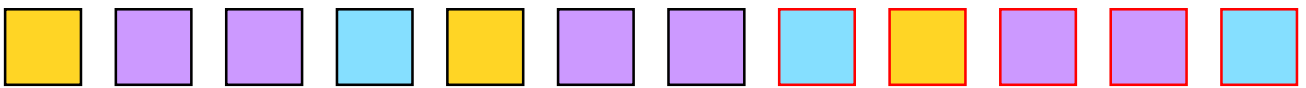
a



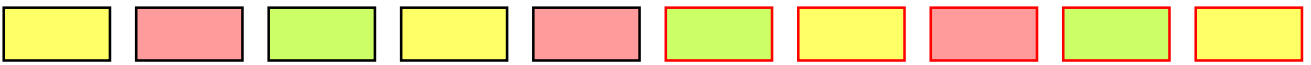
b



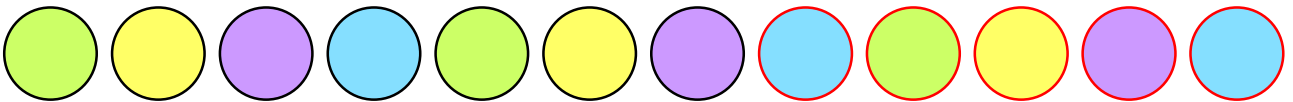
c



d



e



f



2 Draw and colour your own patterns in the spaces below.

Ensure children draw and colour their pattern correctly.

a

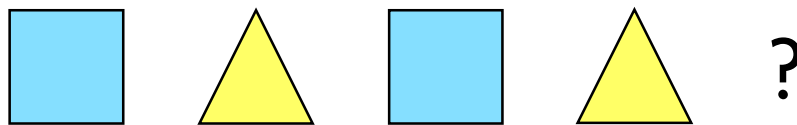
b

c

Patterns with 3D and 2D shapes



- 1 The pattern below has been created by printing 3D shapes.



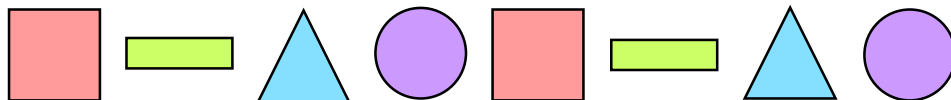
Circle the correct 3D shape that you would use next to continue the pattern.

Cylinder

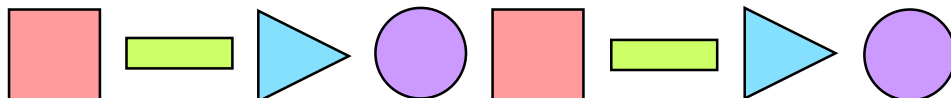
Pyramid

- 2 Matt and Tam each created a pattern.

Matt's pattern:



Tam's pattern:



Matt

Our patterns are different.



Tam

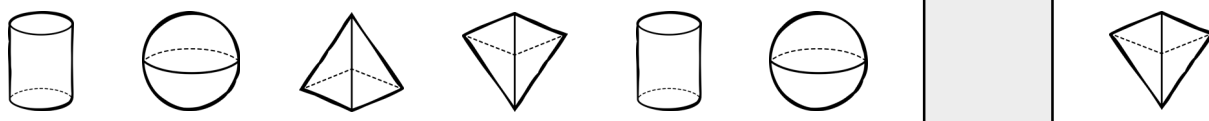
Our patterns are exactly the same.

Who do you agree with?
Explain your answer.

Matt is correct.

The patterns are different as the triangle
is a different orientation.

- 3 Look at the pattern below.



Which shape should go in the shaded box? Create the pattern to check this.

The pyramid should go in the shaded box.

The point of the pyramid should be facing upwards.