Name: _____ Date: _____

The Pattern Rule in a Quilt

Circle group

A quilt is a blanket. It is made of cloth pieces sewn together. Many quilts have patterns. A pattern repeats again and again.

Look at one row. The squares go red, blue, red, blue. It has two parts. It is an A B pattern. The rule is red then blue.

Look at another row. It goes red, red, blue, red, red, blue. It is an A A B pattern. The rule is two reds then one blue.

Know the rule, and you know what comes next. The last two squares are red, red. Next is blue.

Look at a rug. Look at a plate.

Questions

1. What is a quilt?

_____

_____

2. What is a pattern?

_____

_____

3. What is the rule for red, blue, red, blue?

_____

_____

4. What comes after red, red in the A A B row?

_____

_____

5. Why does the rule help you find the next square?

_____

_____

Words to know

quilt: a blanket made of cloth pieces sewn together
pattern: something that repeats in the same order
repeat: to happen or be done again
rule: a sentence that tells how a pattern works

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

The Pattern Rule in a Quilt

Triangle group

A quilt is a blanket made from many pieces of cloth sewn together. Many quilts have patterns. A pattern is something that repeats again and again.

Look at one row of a quilt. The squares go red, blue, red, blue, red, blue. This pattern has two parts. We can call it an A B pattern. The rule is, red then blue, over and over.

Another row goes red, red, blue, red, red, blue. This is an A A B pattern. The rule is, two reds and then one blue.

You can find the next square if you know the rule. In the second row, the last two squares are red, red. So the next square must be blue.

Look around your home. You may see a pattern on a rug or a plate.

Questions

1. What is a quilt?

_____

_____

2. What is a pattern?

_____

_____

3. What is the rule for the row that goes red, blue, red, blue?

_____

_____

4. What color comes after red, red in the A A B row?

_____

_____

5. Why does knowing the rule help you find the next square?

_____

_____

Words to know

quilt: a blanket made of cloth pieces sewn together
pattern: something that repeats in the same order
repeat: to happen or be done again
rule: a sentence that tells how a pattern works

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

The Pattern Rule in a Quilt

Square group

A quilt is a blanket that is made from many pieces of cloth stitched together, and numerous quilts are designed with patterns. A pattern is something that repeats again and again in the same order.

Examine one row of a quilt. Its squares go red, blue, red, blue, red, blue. This pattern has two parts, so we can call it an A B pattern. The rule is red then blue, over and over.

A different row goes red, red, blue, red, red, blue. This one is an A A B pattern, and its rule is two reds followed by one blue.

If you know the rule, you can figure out the next square. In the second row, the final two squares are red, red, so the next square must be blue.

Look around your home, and you may notice patterns on a rug or a plate.

Questions

1. What is a quilt?

_____

_____

2. What is a pattern?

_____

_____

3. What is the rule for the row that goes red, blue, red, blue?

_____

_____

4. What color comes after red, red in the A A B row?

_____

_____

5. Why does knowing the rule help you find the next square?

_____

_____

Words to know

quilt: a blanket made of cloth pieces sewn together
pattern: something that repeats in the same order
repeat: to happen or be done again
rule: a sentence that tells how a pattern works

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

For the teacher: The Pattern Rule in a Quilt

Each student sheet carries a shape, not a level. The same topic and facts, written three ways.

Circle: The Pattern Rule in a Quilt

Easier · 104 words · Flesch-Kincaid grade 0.6

1. A blanket made of cloth pieces sewn together.
2. Something that repeats again and again.
3. Red then blue, over and over.
4. Blue.
5. It tells you what repeats.

Triangle: The Pattern Rule in a Quilt

This passage · 133 words · Flesch-Kincaid grade 2.1

1. A blanket made from many pieces of cloth sewn together.
2. Something that repeats again and again.
3. Red then blue, over and over.
4. Blue.
5. The rule tells you what repeats, so you can tell what comes next.

Square: The Pattern Rule in a Quilt

Harder · 146 words · Flesch-Kincaid grade 4.5

1. A blanket made from many pieces of cloth stitched together.
2. Something that repeats again and again in the same order.
3. Red then blue, over and over.
4. Blue.
5. The rule shows what repeats, so you can tell what comes next.