

M9 - 6.1 - Patterns Word Problems HW

The following Diagrams are made out of Toothpicks. Draw another Diagram.



Create a Table of Values for Diagrams 1-5.

Write Let Statements

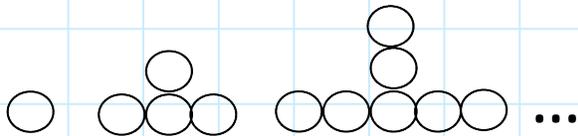
Find the Equation

How many Toothpicks in the 8th Diagram?

Which Diagram has 21 Toothpicks?

The following Diagrams are made out of Circles.

Draw another Diagram.



Create a Table of Values for Diagrams 1-5.

Write Let Statements

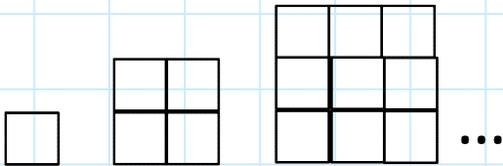
Find the Equation

How many Toothpicks in the 7th Diagram?

Which Diagram has 31 Circles?

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The following Diagrams are made out of Squares. Draw another Diagram.



Write Let Statements

Find the Equation

How many Toothpicks in the 8th Diagram?

Which Diagram has 21 Toothpicks?

Create a Table of Values for Diagrams 1-5.

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The following Diagrams are made out of Dots.

Draw another Diagram.

Create a Table of Values for Diagrams 1-5.



Write Let Statements

Find the Equation

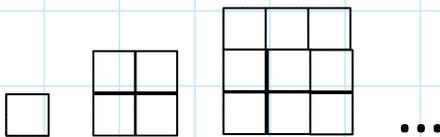
How many Dots in the 9th diagram?

Which Diagram has 21 toothpicks?

The following Diagrams are made out of Toothpicks.

Draw another Diagram.

Create a Table of Values for Diagrams 1-5.



Write Let Statements

Find the Equation

How many Toothpicks in the 9th Diagram?

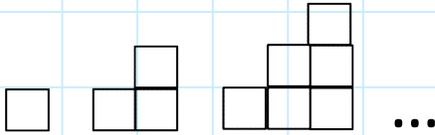
Which Diagram has 144 Toothpicks?

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The following Diagrams are made out of Dots.

Draw another Diagram.

Create a Table of Values for Diagrams 1-5.



Write Let Statements

Find the Equation

How many Dots in the 15th diagram?

Which Diagram has 108 toothpicks?
