

The background is a dark blue gradient with several sets of concentric circles in a lighter blue color. A dashed light blue line runs diagonally from the bottom-left towards the top-right, passing through the center of the text.

3rd Grade

Problem Solving
Find a Pattern

by Monica Yuskaitis

California Standard Addressed

Math
Reasoning



Third
Grade

1.1 Analyze problems by identifying relationships...prioritizing information, and observing patterns.

California Standard Addressed

Math
Reasoning



Third
Grade

2.2 Apply strategies & results from simpler problems to more complex problems.

California Standard Addressed

Math
Reasoning



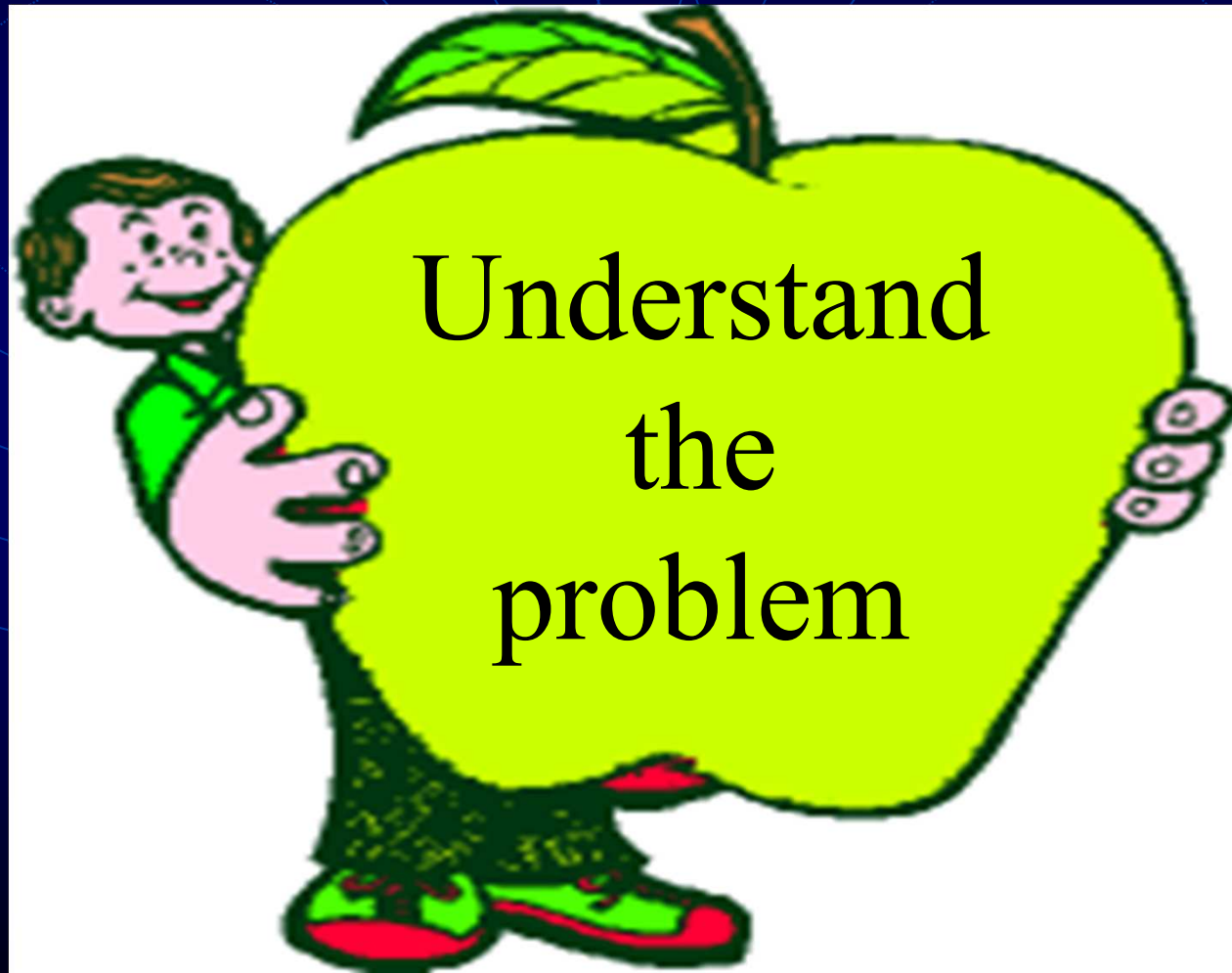
Third
Grade

2.3 Use a variety of methods such as...symbols, diagrams & models to explain mathematical reasoning.

Objective

- To be able to solve problems using the “find a pattern” strategy.

Problem Solving is easy if you
follow these steps



Step 1 – Understand the problem

- Read the problem carefully.
- Find the important information.
- Look for patterns.
- Identify what the problem wants you to solve.

Step 1 - Understand the Problem

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- Jose's friend Juan lives in a duplex at 17A Roeding Ave. Jose is going to visit Juan. Here is a map of Juan's block. Find where Juan lives.



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Write down the key information.

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17A Roeding Ave



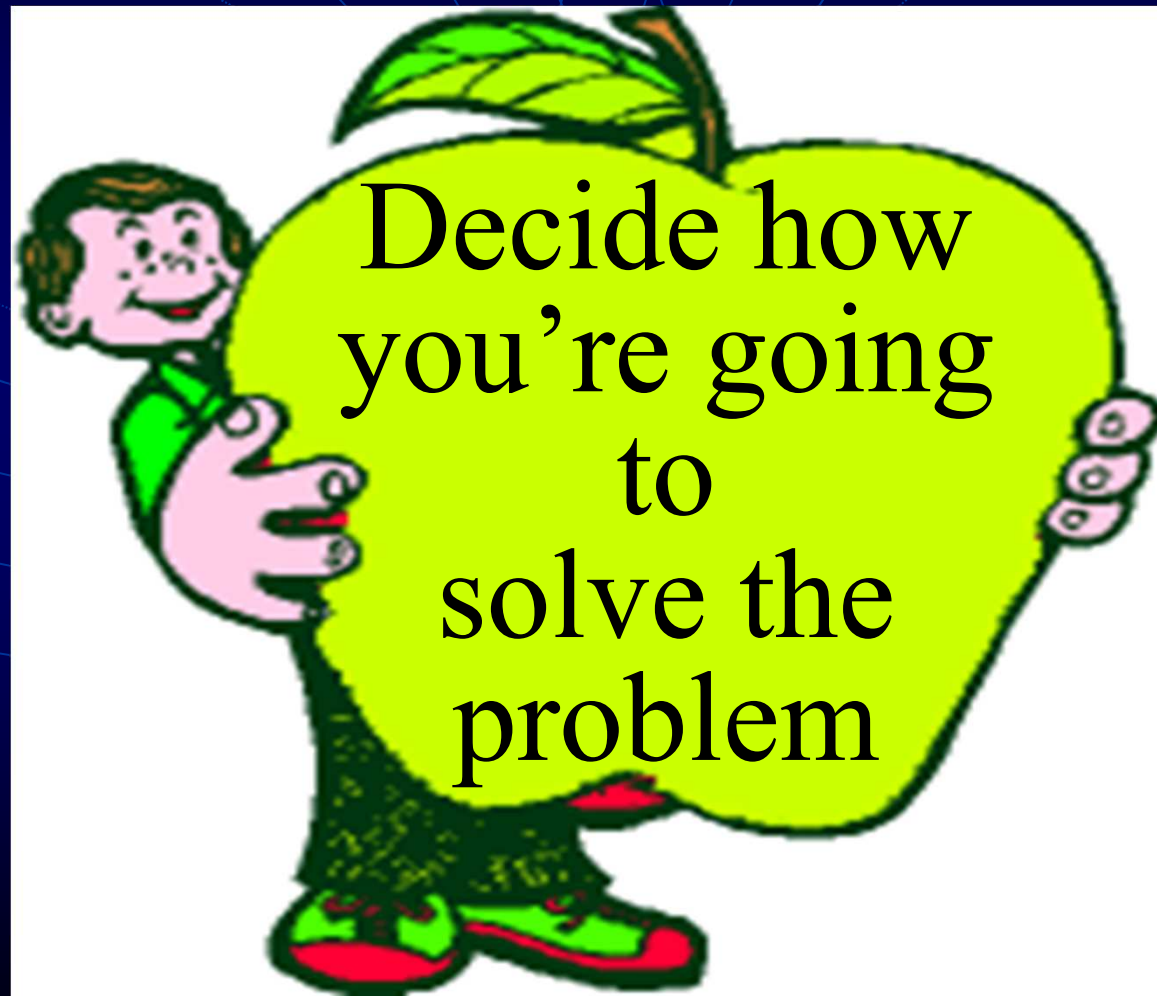
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Step 2 - Decide how you're going to solve the problem

Choose a method

Use a graph

Write an equation

Find a pattern

Use reasoning

Make a table

Use formulas

Make a list

Work backwards

Draw a picture

Act it out

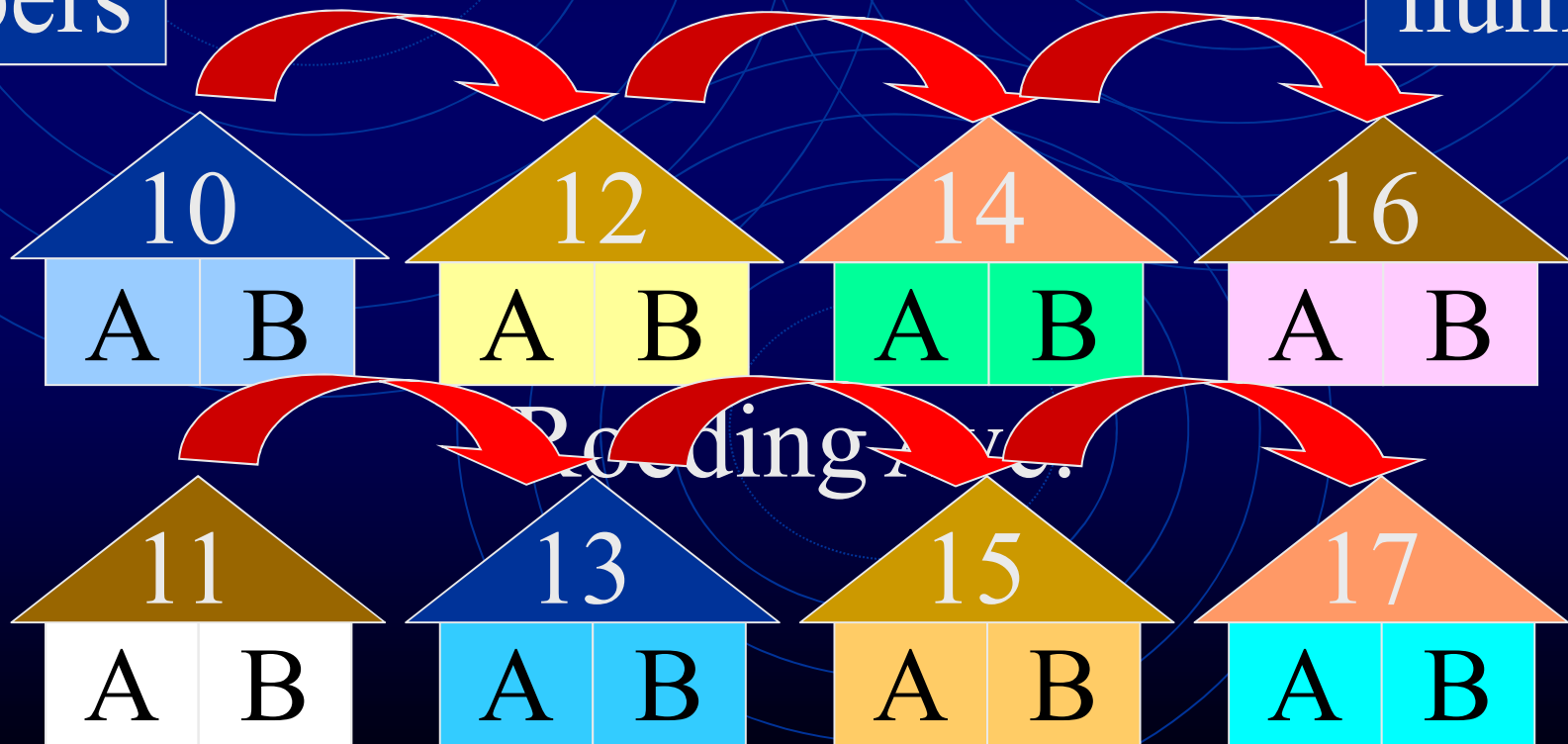
Step 2 - Decide how you're going to solve the problem

Look for the pattern

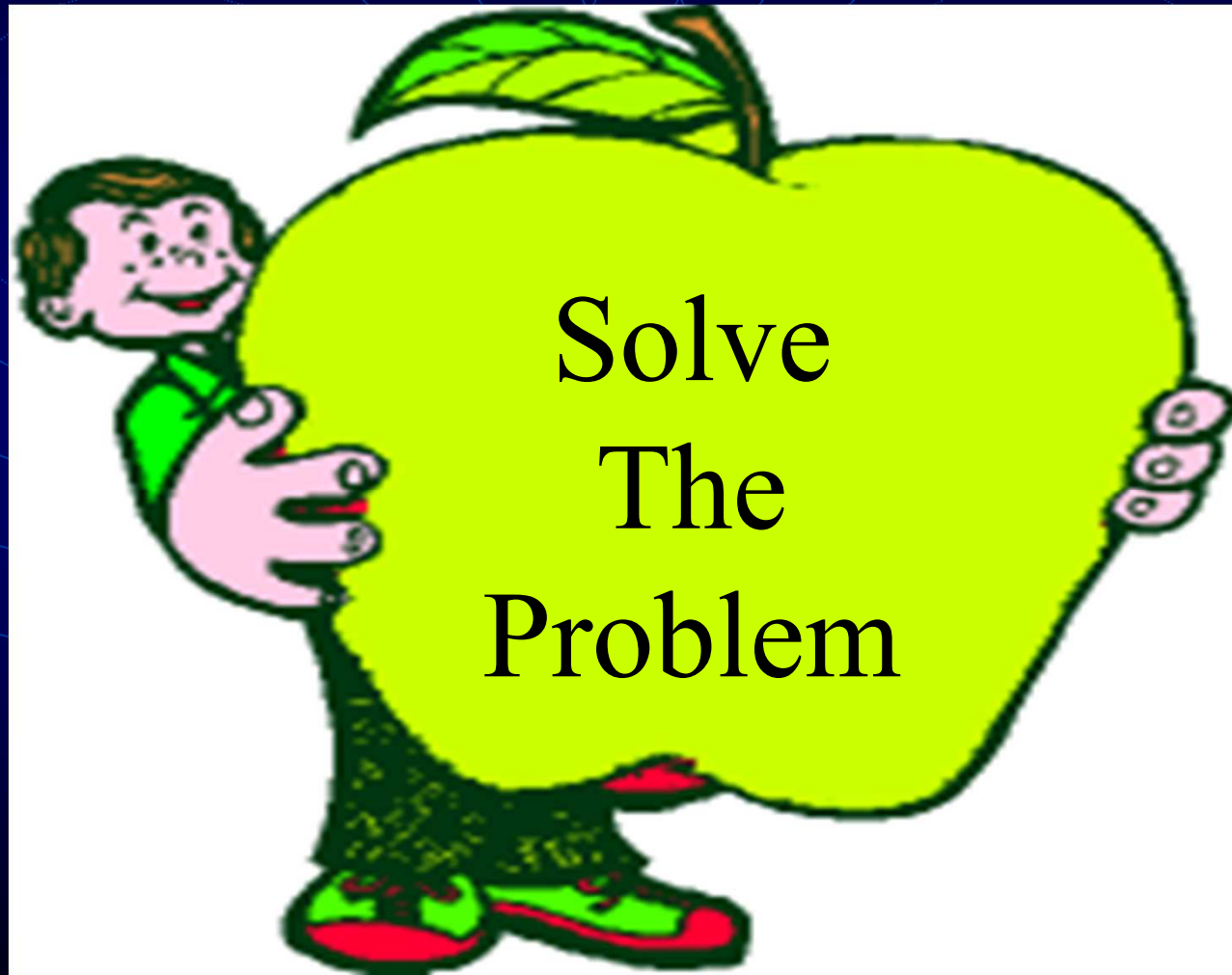
17A Roeding Ave

By twos
even
numbers

By twos
odd
numbers



Problem Solving is easy if you
follow these steps



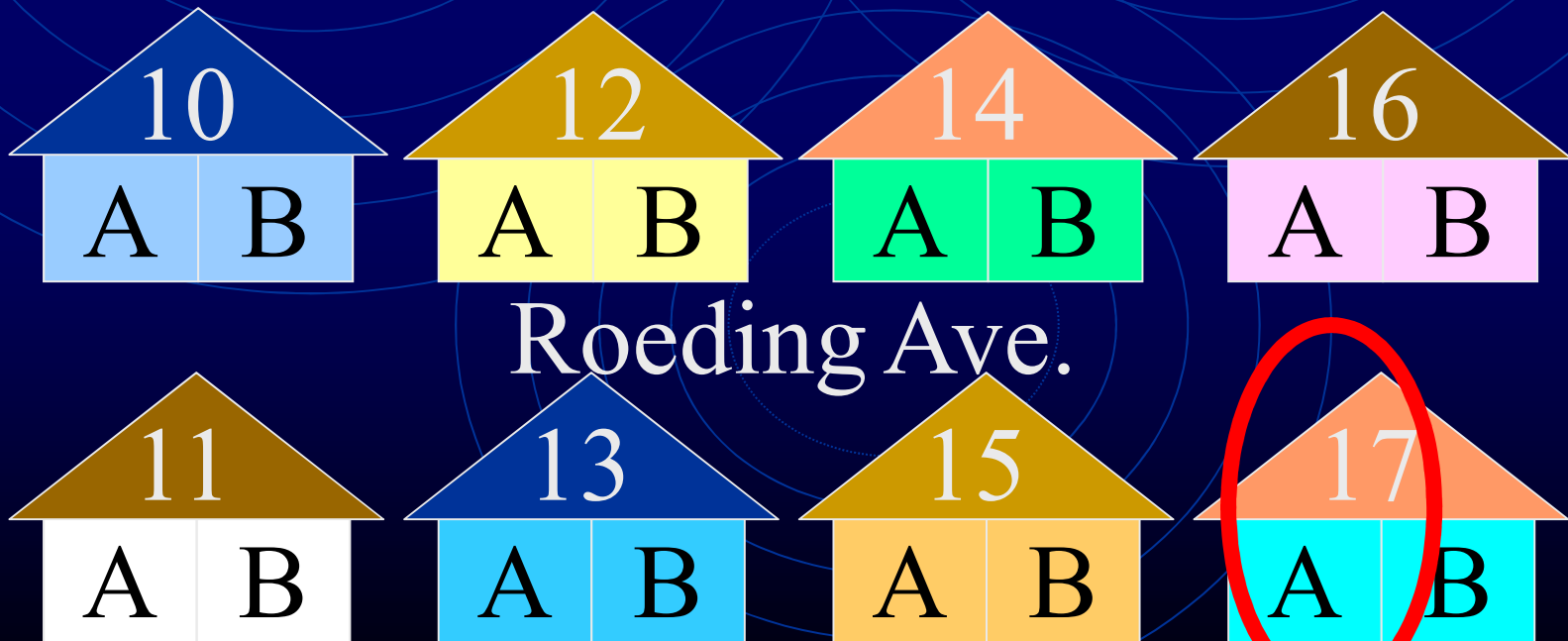
Step 3 - Solve the problem

Find Juan's house.

17A Roeding Ave.

You know 17 is odd.

You know he lives in A.



Problem Solving is easy if you
follow these steps



Step 4 - Look Back & Check

Reread the problem

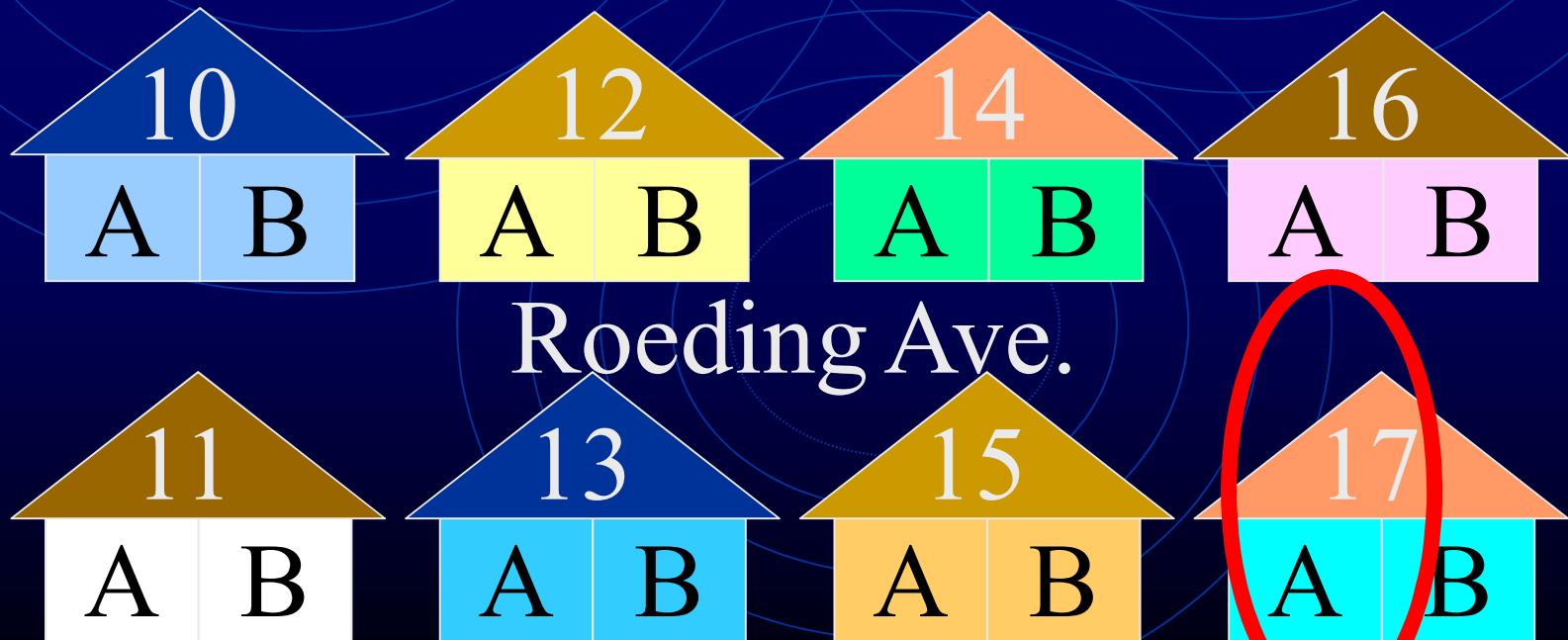
- Jose's friend Juan lives in a duplex at 17A Roeding Ave. Here is a map of Juan's block. Find where Juan lives.



Step 4 - Look Back & Check

Compare your answer to the problem

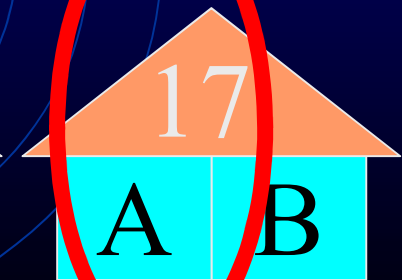
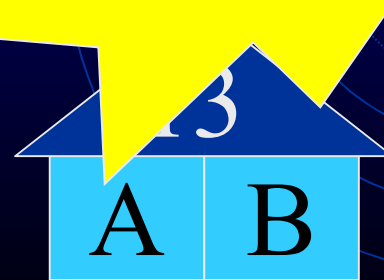
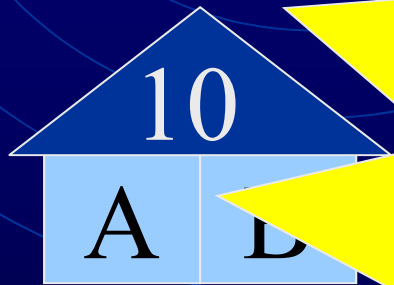
- Jose's friend Juan lives in a duplex at 17A Roeding Ave. Jose is going to visit Juan. Here is a map of Juan's block. Find where Juan lives.



Step 4 - Look Back & Check

Did you solve what the problem asked?

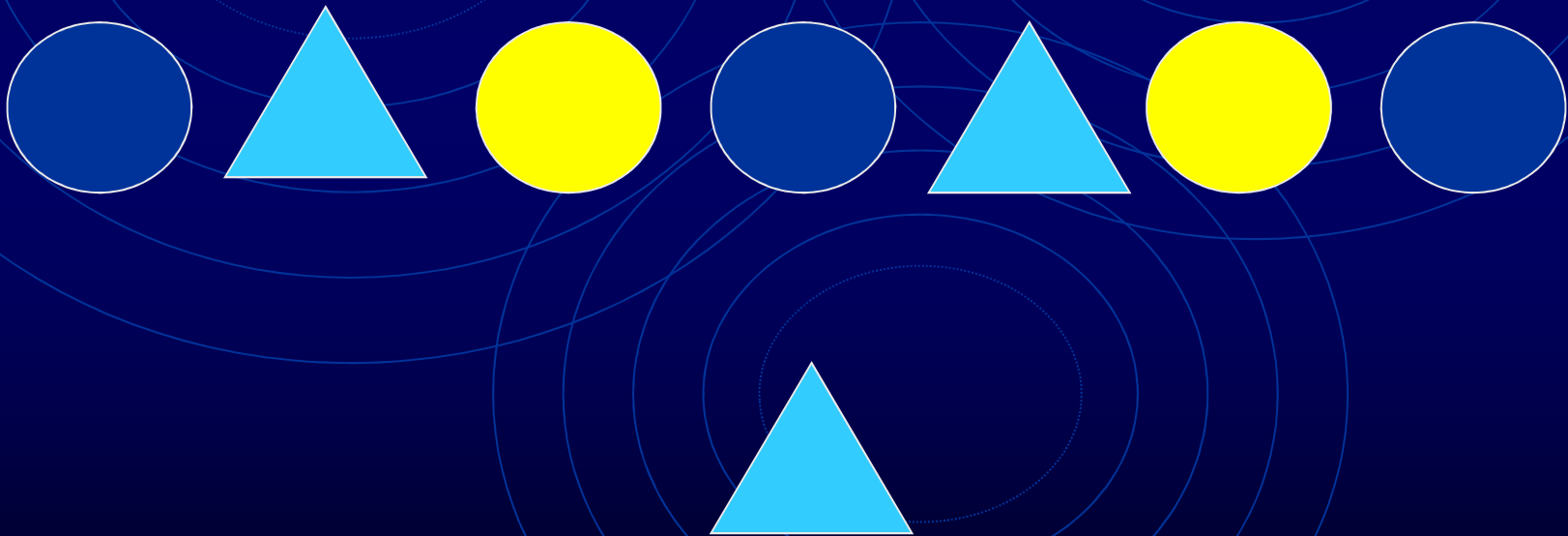
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Yes!

Solve this problem

- What shape continues the pattern?



Solve this problem

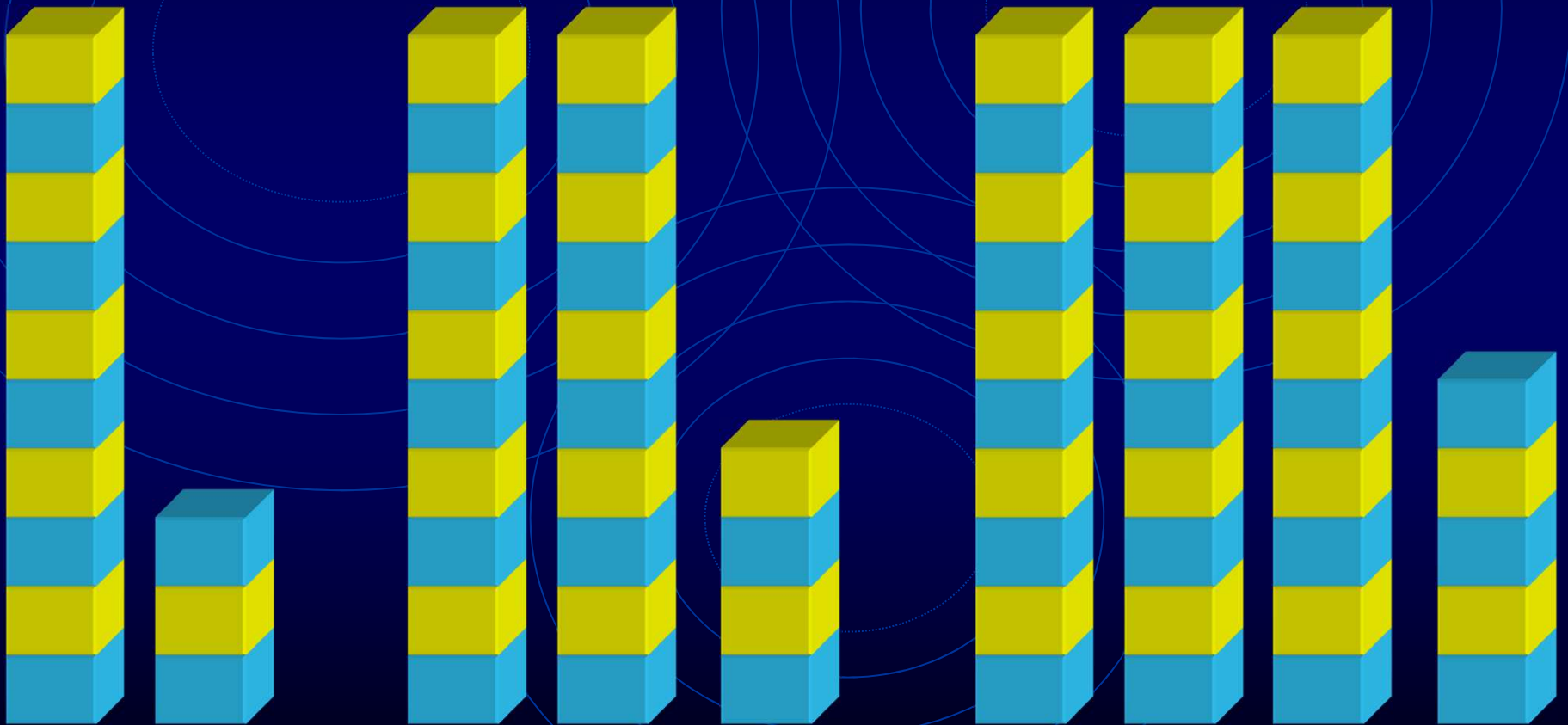
- What are the next 2 numbers?

\$4.25, \$4.50, \$4.75, \$5.00

\$5.25, \$5.50

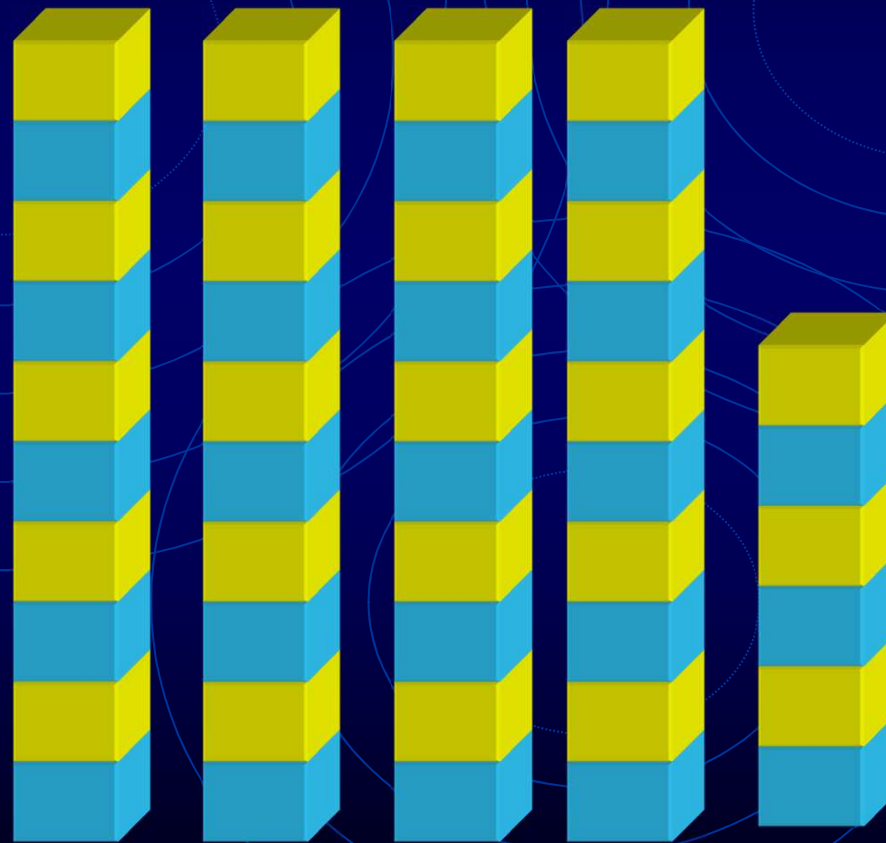
Solve this problem

- What will the next set of blocks look like?



Solve this problem

- Answer



Credits

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