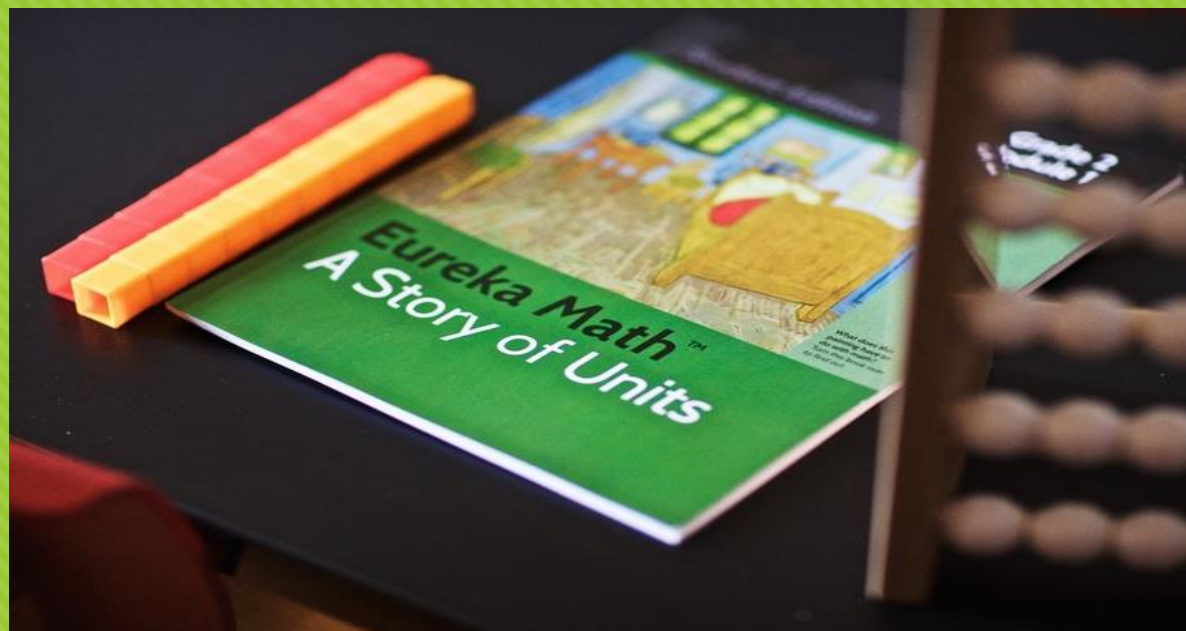


K – 5 STRATEGIES



Strategies for solving word problems

Kindergarten:

Sam bought 8 pieces of fruit at the farmers' market. He loves apples and oranges, so he bought some of each.

- > Draw a plate. Show Sam's fruit on the plate.
- > Show your work to your friend.
- > Does your plate look the same?
- > Can you make a number bond and number sentence about your picture?



Suggested Strategy: Number Bond

1st Grade:

Peter has 6 more red pencils than blue pencils. He has 8 blue pencils.
How many red pencils does he have?

Blue Pencils:



Red Pencils:



Suggested Strategy: Tape Diagram

2nd Grade:

Markers come in packs of 2. If Jessie has 6 packs of markers, how many markers does she have in all?

Draw groups to show Jessie's packs of markers.

Write a repeated addition equation to match your drawing.

Add to find the total.



Suggested Strategy: Repeated Addition with picture

3rd Grade:

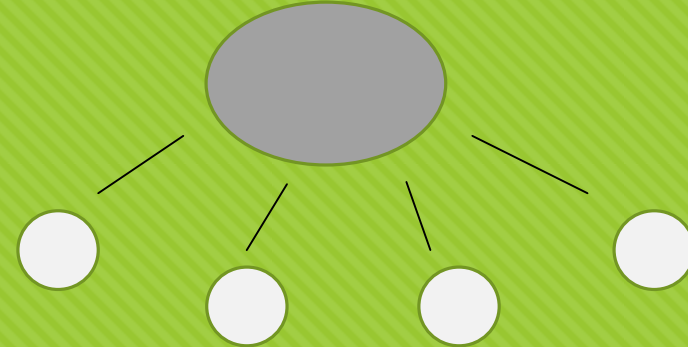
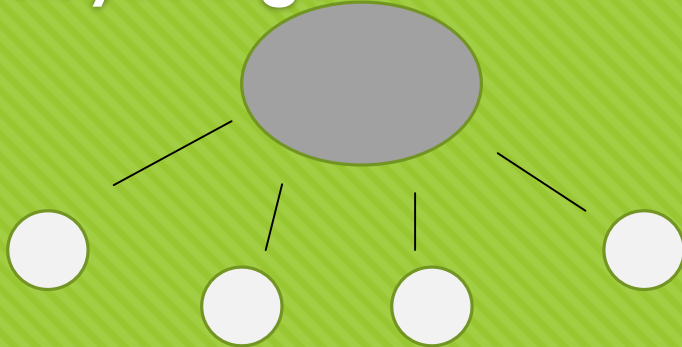
Gracie draws 5 rows of stars. In each row, she draws 4 stars. How many stars does Gracie draw in all? Use a letter to represent the unknown and solve.



Suggested Strategy: Drawing an Array

4th Grade:

Samantha received an allowance of \$3 every week. By babysitting, she earned an additional \$30 every week. How much money did Samantha have in four weeks, combining her allowance and her babysitting?



Suggested Strategy: Number Bond
How about trying a Tape Diagram?

5th Grade:

The fifth-grade craft club is making aprons to sell. Each apron takes 1.25 yards of fabric that costs \$3 per yard and 4.5 yards of trim that costs \$2 per yard. What does it cost the club to make one apron? If the club wants to make \$1.75 profit on each apron, how much should they charge per apron?

Total Cost of Fabric:

Total Cost of Trim:

Total Cost charged to make \$1.75 profit:

Suggested Strategy: Tape Diagram

As always, thank you for being a partner with us in your child's education.

Please take time to provide us with your feedback by completing the Exit Ticket.

Have a great evening!

