Let's look through our books and check for our teacher's comments.

If I know that 4 X 8 = 32

I also know...

8 X 4 = 32

8 + 8 + 8 + 8 = 32

4+ 4+ 4+ 4+ 4+ 4+ 4+ 4= 32

32 ÷ 4 = 8

32 ÷ 8 = 4

If you know that 2 x 6 = 12

You should also know that...

6 X 2 = 12

6 + 6 = 12

2 + 2 + 2 + 2 + 2 + 2= 12

12 ÷ 2 = 6

12 ÷ 6 = 2

What is the value?

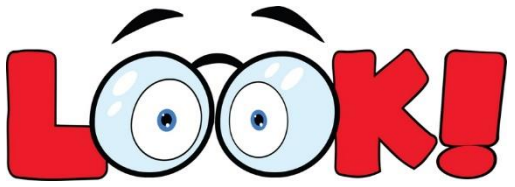
658

600 50 8

THINK!

THINK!

Problem solving:

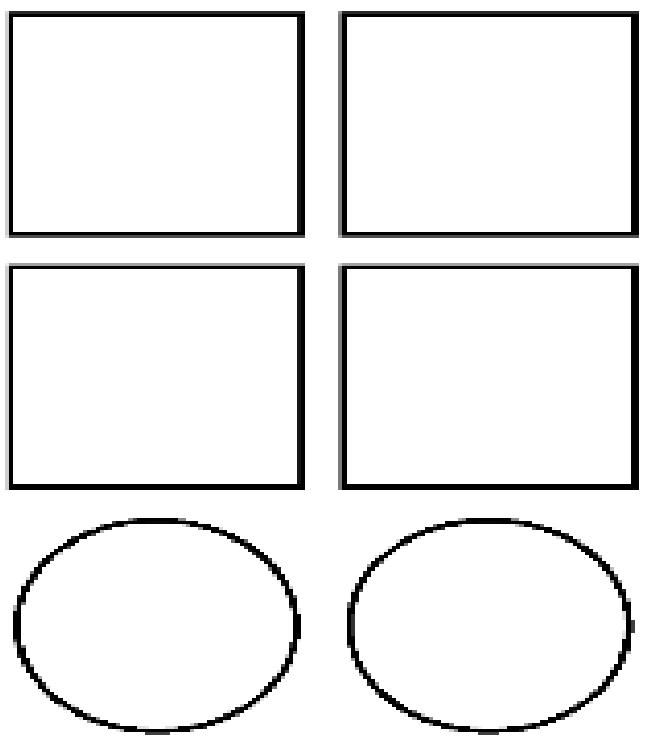


at this problem.

How would you solve it?

Coloured shapes

What colour is each shape?
Write it on the shape.



Clues

- Red is not next to grey.
- Blue is between white and grey.
- Green is not a square.
- Blue is on the right of pink.

Act it Out

"Act it out" is physically acting out the situation presented in a math problem so helps you better-understand the problem.

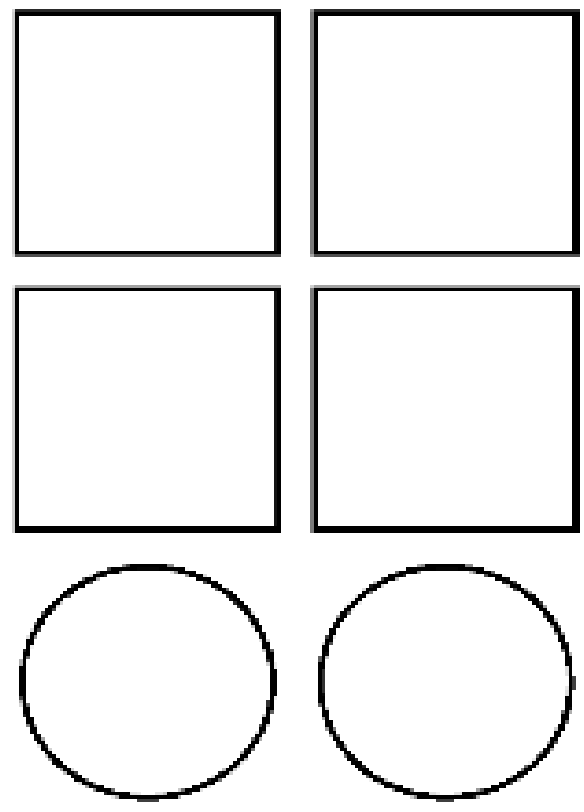
Act it out!

This method involves trying and changing until we find one that works.

Coloured shapes

Blue
Red
White
Green
Pink
Grey

What colour is each shape?
Write it on the shape.



Clues

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Act it out! Try and try again until you get each colour into the right place!

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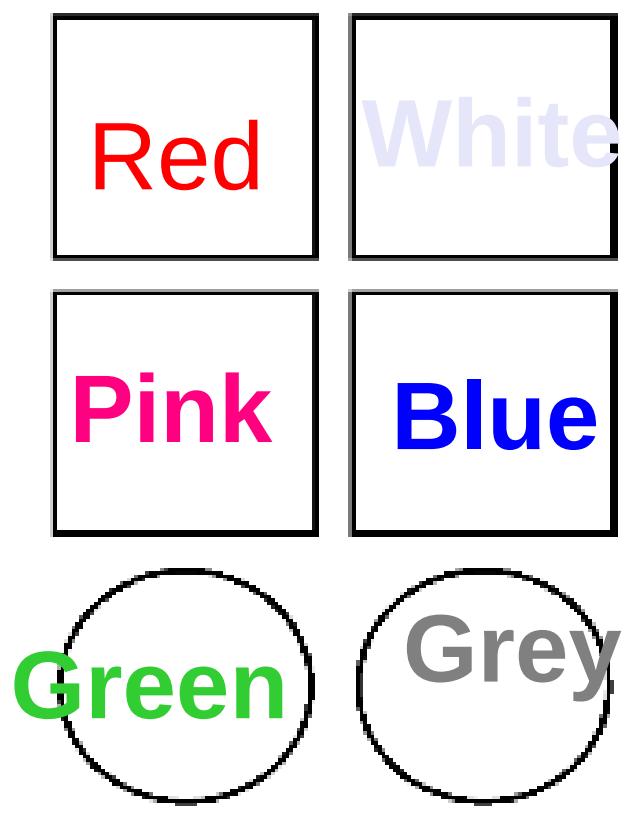

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Act it out! Try and try again until you get each colour into the right place!

Miss says....

Today we are learning to problem solve using the 'Act it out' strategy.

What will my success criteria look like?

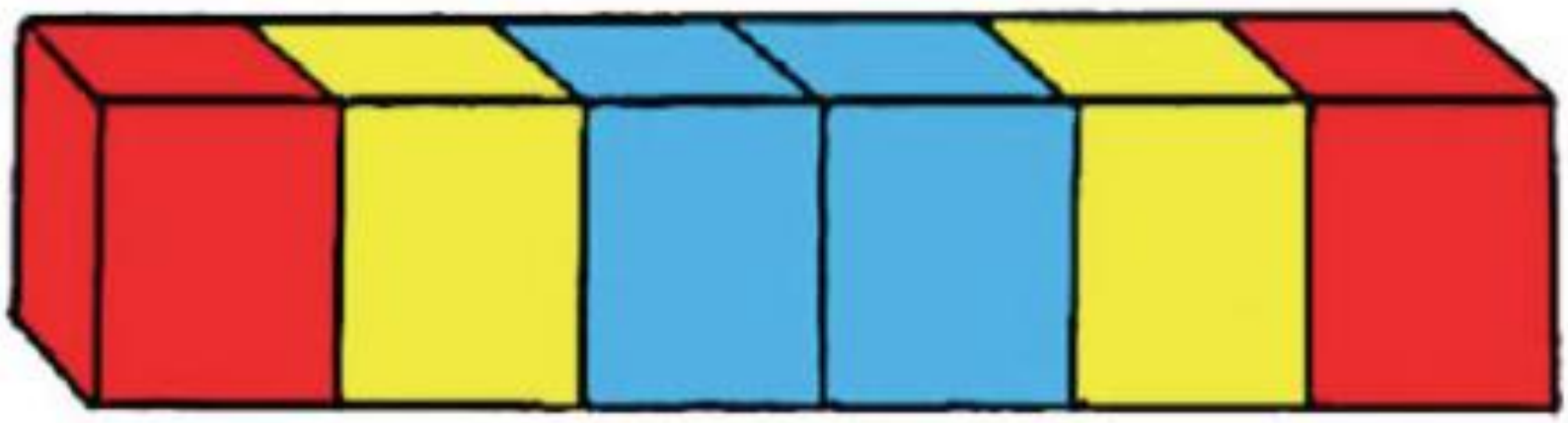
- I can read a problem
- I can identify the key information needed to solve the problem
- I can decide what strategy I need to use to solve the problem
- I can solve the problem and check my answer

Symmetrical cubes

Stops

Josh had six cubes: two red, two yellow and two blue.

He joined them and made a symmetrical pattern.



How many different symmetrical arrangements can he make?

When you have completed your work look at the next pages to check your answers.

ANSWER

STOPS A - Solutions

Title: A4_2 Symmetrical Cubes

Solutions

There are five other ways for Josh to arrange the squares:

red, yellow, blue, blue, yellow, red
yellow, red, blue, blue, red, yellow
yellow, blue, red, red, blue, yellow
blue, red, yellow, yellow, red, blue
blue, yellow, red, red, yellow, blue

Plenary

Check your work!!

Did you meet the learning objective?

Self assess- How did you find the work today?