

Maths – Activity Ideas to Support Pictorial Methods

Following on from the booklet which explains how we teach the different calculations, using pictorial methods, here are some activity ideas which will allow the children to apply those skills within different contexts.

The children are used to many of these activities and have completed them in school.

1. Correct or Not Correct

Provide the children with a completed number sentence (including the answer). They then use the appropriate pictorial method to work out whether the given answer is correct or not. Once they have done this, they have to give a reason.

$58 - 25 = 30$	Give children a number sentence, with an answer (right or wrong).
	They work out the answer using the pictorial method.
Not correct because the ones have not been taken away. It should equal 33.	They then provide a reason to explain why.

2. Match Me Up

Provide the children with two columns. Column one has a series of number sentences and column two has the answers (not in line with the correct number sentence, muddled up). The children use their pictorial methods to calculate the answers to the number sentences and match them to the correct answer.

$35 + 24 =$ 	80
$62 + 18 =$	59
$53 + 36 =$	89

3. Odd One Out

Provide a series of number sentences. The children then use the pictorial methods to calculate the answers and find the number sentence with the answer that is not the same as the others.

$4 \times 5 =$		
$6 \times 2 =$		Odd One Out
$2 \times 10 =$		

4. Picture Maths

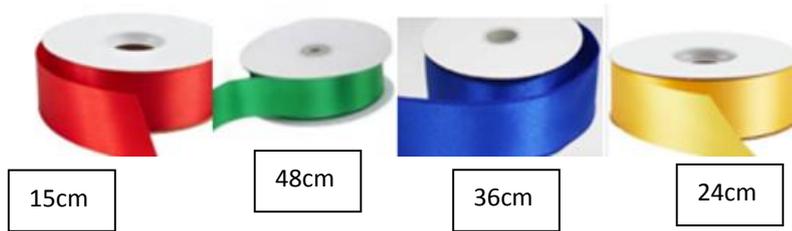
Provide children with a series of pictures e.g. fruit on a market stall, clothing items in a shop and so on. Give each item an individual price and then provide the children with some word problems. Children calculate the answers to the word problems by using the appropriate pictorial method.

 <p>Red wig 43p</p>	 <p>False nose 14p</p>	 <p>Bowtie 20p</p>
 <p>Green wig 25p</p>	 <p>Cape 42p</p>	 <p>Eye mask 31p</p>

- How many different costumes could you make by buying two things?
- Find the cost of two red wigs and a bowtie.
- I buy three different things from the fancy dress shop and spend 87p. What did I buy?
- I paid for one green wig using a 50p coin. How much change did I get?

5. Four Pictures

Provide children with four pictures e.g. fruit on a market stall, clothing items in a shop, ice-creams and toppings, jugs of juice and so on. Give each item an individual price or amount and then provide the children with some word problems. Children calculate the answers to the word problems by using the appropriate pictorial method.

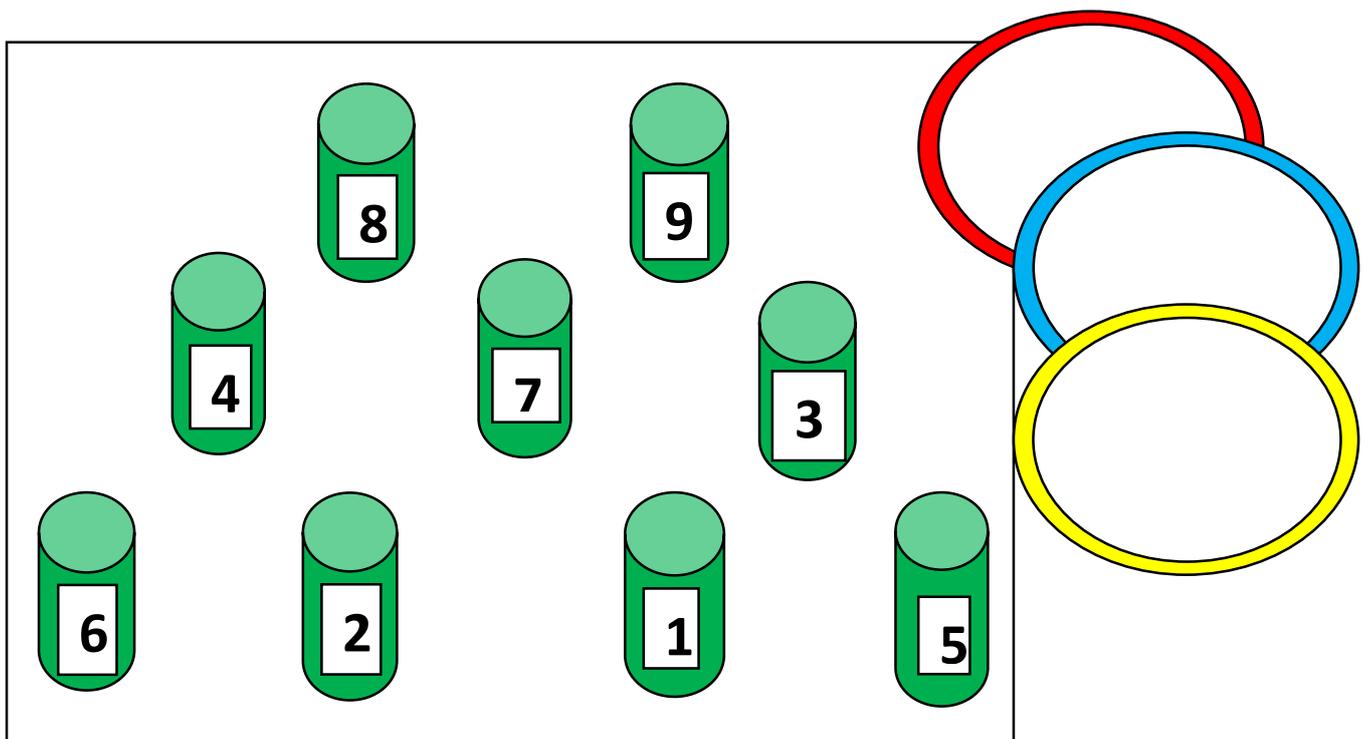


- How much longer is the green ribbon than the blue ribbon?
- What is the total length of the two longest ribbons?
- I cut the yellow ribbon in half so I can buy $\frac{1}{2}$. How much do I get?
- I need 60cm of green ribbon. How much more do I need?
- I want to divide the red ribbon into five equal pieces. How many pieces will I get?

6. Hoop-la score

This is an activity to practise number facts, like 2s, 5s, 10s timetables and number bonds to 10, 20 and 100.

Have a variety of numbers on tins and then give children a total that they have to make. Give them a limited number of hoops to throw, might be two or three.



Use the three hoops, can you score 16 points?

Use the three hoops, can you score 13 points?