

Good morning/ afternoon Green Class,

As you know Maths is broken up into different parts:

Fluency- we know this as mental arithmetic. You can re-call facts quickly and in your head e.g. knowing that $4 \times 8 = 32$

Reasoning- thinking behind your process e.g. how are you going to work out your answer? Which process are you going to use and why?

Problem Solving- applying your knowledge and skills to answer unfamiliar types of questions

It is important that we continue to practice each skill so that you become more confident answering all types of questions.

This week we are focusing on Reasoning and Problem Solving.

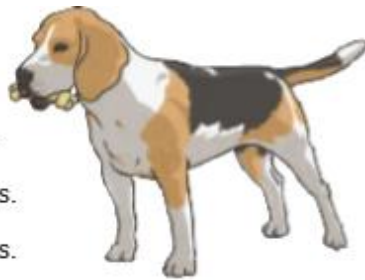
Enjoy!

Task One (quick fire): How quickly can you answer the following questions?

1) Complete these statements:

1 dog has 4 paws.

- a) 3 dogs have _____ paws.
- b) _____ dogs have 28 paws.
- c) 12 dogs have _____ paws.



- a) $3 \times 4 = 12$
- b) $4 \times 7 = 28$
- c) $12 \times 4 = 48$

2) Which calculations match this representation?



	$6 \times 4 = 24$	YES
	$4 \div 6 = 24$	NO
	$4 \times 6 = 24$	YES
	$24 \div 4 = 6$	YES
	$6 \div 4 = 24$	NO

3) Complete these calculations.

$1 \times \underline{\quad} = 4$	$7 \times 4 = \underline{\quad}$
$\underline{\quad} \times 4 = 8$	$\underline{\quad} \times 4 = 32$
$3 \times 4 = \underline{\quad}$	$9 \times 4 = \underline{\quad}$
$4 \times \underline{\quad} = 16$	$\underline{\quad} \times 4 = 40$
$5 \times 4 = \underline{\quad}$	$11 \times 4 = \underline{\quad}$
$\underline{\quad} \times 4 = 24$	$\underline{\quad} \times 4 = 48$

Answers (going down): 4, 2, 12, 4, 20, 6, 28, 8, 36, 10, 44, 12

Use this example to help check your work for this question. Are your answers correct? In the space below, explain why

<p>Number story E.g. There are 6 plates with 3 cupcakes on each plate.</p>	<p>Bar model</p> 
<p>$6 \times 3 = 18$</p>	
<p>Addition sentence</p> <p>$3 + 3 + 3 + 3 + 3 + 3 = 18$</p>	<p>Draw it</p> 

My answers are/ are not correct because...