Parents in Partnership	YEAR 5
	Homework: Spring 1 Week 2

MATHS

This week the children have been converting mixed numbers to improper fractions, looked at square and cube numbers and consolidated division methods.

Homework – Complete the questions based on square and cube numbers.

ENGLISH

This week the children have again been reading, planning and writing Dreamtime stories, folk tales from Aboriginal culture. They have read and re-written 'Why frogs can only croak' and "Why the Platypus is a special creature' and focused on using ambitious vocabulary, relative clauses and fronted adverbials.

Homework – Improve the sentences by following the steps provided.

Spellings –The children have 5 key words and 5 words ending with 'ness' to learn for a test on

R.E.

This week the children have explored the circumstances of Jesus' birth, considered the situations of those in crisis and discussed their thoughts on what would make an ideal world.

Also, another insightful discussion with Deacon Geoffrey was enjoyed by all.

CODE SHOW

'The Code Show' came into school on Thursday. The children saw examples of the development of computers over the decades and enjoyed using them. It was fantastic! Look out for photographs on our website.
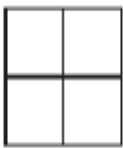
My child's response to the tasks.

Square Numbers

The product of a number multiplied by itself.

Can be illustrated as a square, e.g

2^2 = 2 squared = 2 × 2 = 4

Cube Numbers

The product of multiplying a digit by itself three times.

Can be illustrated as a cube, e.g.

2^3 = 2 cubed = 2 × 2 × 2 = 8

A. Complete the table.
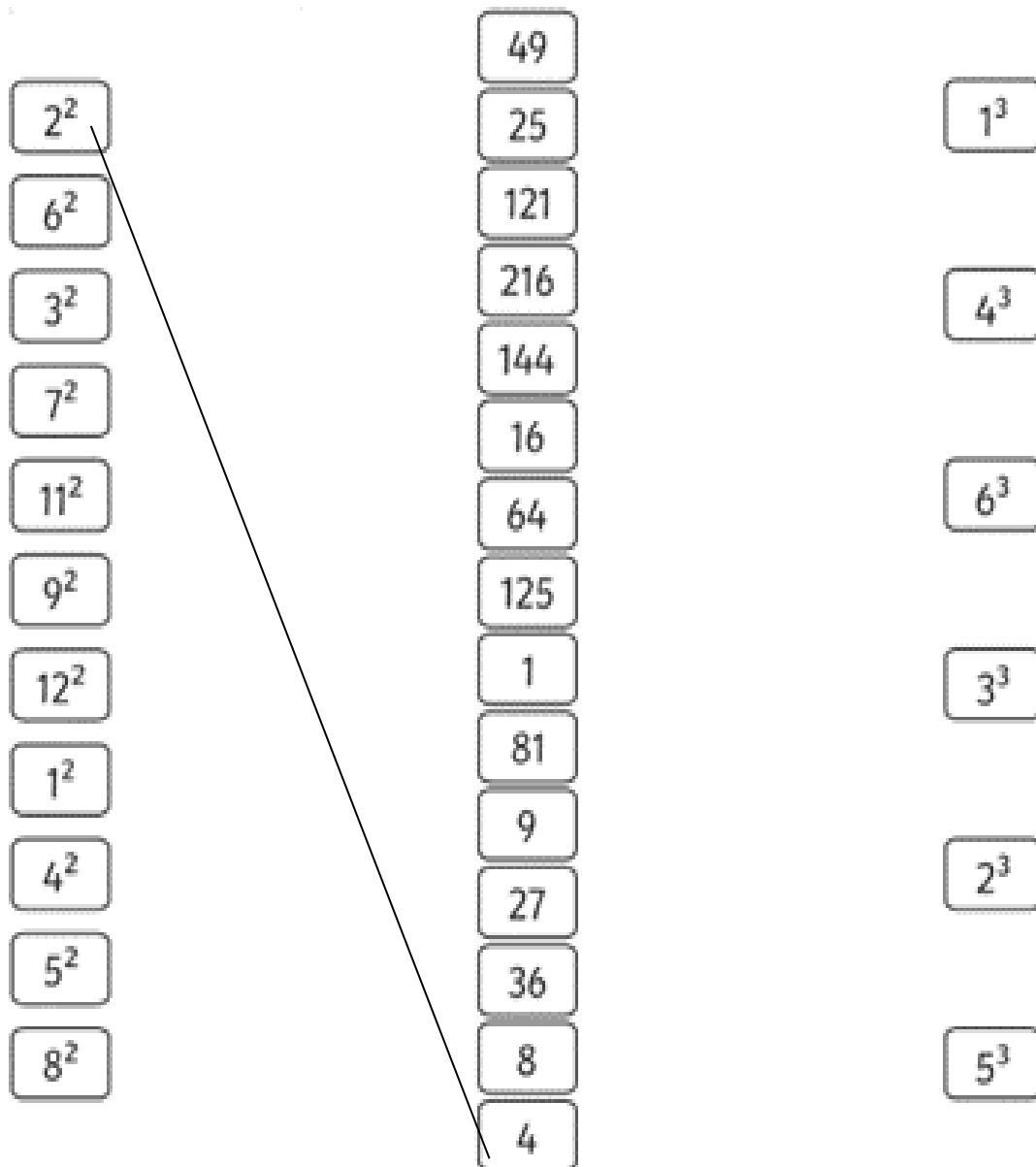
1^2	1 × 1	1
2^2		4
3^2	3 × 3	
	4 × 4	16
5^2		
		36
	7 × 7	
8^2		
10^2		100

B. Complete the table.

1^3	1 × 1 × 1	1
2^3	2 × 2 × 2	
3^3		27
	4 × 4 × 4	64
5^3	5 × 5 × 5	
6^3	6 × 6× 6	
		343
8^3		512
	9 × 9 × 9	729
10^3		

C. Calculate the missing numbers.

a) $7^2 + 4^3$ =	b) $8^2 + 10^2$ =	c) $5^3 - 5^2$ =
d) $5^2 +$ ____ = 89	e) ____ $- 8^2$ = 17	f) $3^2 × 2^3$ =
g) $3^2 +$ ____ = 5^2	h) $6^3 ÷ 2^2$ =	i) 13^2 =
j) $10^3 - 2^2$ =	k) 100^2 =	l) ____^{2} = 144

2^2	49	1^3
6^2	25	
3^2	121	4^3
7^2	216	
11^2	144	6^3
9^2	16	
12^2	64	3^3
1^2	125	
4^2	1	2^3
5^2	81	
8^2	9	5^3
	27	
	36	
	8	
	4	

Jack thinks 15^2 is 30. Is he correct? Explain your answer.

Uplevelling Sentences
Stalking Its Prey

Use the steps below to improve this sentence:

The leopard stalked its prey.

1 First, rewrite the sentence containing modifying nouns or adjectives to create expanded noun phrases.

_____

_____

2 Next, rewrite the sentence from Step 1 but start your sentence with a fronted adverbial.

_____

_____

3 Next, rewrite the sentence from Step 2 but add a relative clause beginning with **who**, to give more information about the leopard.

_____

_____

4 Next, rewrite the sentence from Step 3 but add a subordinate clause.

_____

_____

Tiny Turtle's Huge Journey

Use the steps below to improve this sentence:

The turtle is moving towards the sea.

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1 First, rewrite the sentence containing modifying nouns or adjectives to create expanded noun phrases.

_____

_____

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2 Next, rewrite the sentence from Step 1 but start your sentence with a fronted adverbial.

_____

_____

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3 Next, rewrite the sentence from Step 2 but add a relative clause beginning with **who**, to give more information about the turtle.

_____

_____

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4 Next, rewrite the sentence from Step 3 but add a subordinate clause.

_____

_____

EVERYONE

happiness
hardness
madness
nastiness
silliness

YEAR 5 /6

parliament
sacrifice
variety
available
correspond

YEAR 3 / 4
You know what to do.