



Co-op Academy
Priesthorpe

*"From firm foundations,
knowledge is applied with
confidence and successful
mathematicians grow."*



Maths Transition Task

Name:

Primary School:

Welcome to your Maths transition task ready for starting life at Co-op Academy Priesthorpe. This task will help you develop your Maths work before starting year 7. You will also discover more about the academy & for us to find out some things about you!

Which statements below best describe how you feel about Maths?

Shade in or write out the ones that apply to you

I like:

- mental maths and
maths on a computer.

- solving problems because
it makes your mind
rumble with answers.

- decimals because
they are in between whole
numbers and they are
a challenge.

- drawing symmetrical
patterns and doing very
hard sums to help me get
better at maths.

- problem solving
because it's more of a
challenge than easy things
like multiplication.

- angles in maths because
I get to use a protractor
and to be precise.

Co-op Academy Priesthorpe in Numbers

How many of the following facts can you find out about Co-op Academy Priesthorpe?

1. How many pupils go to Priesthorpe (to the nearest 10)?
 2. How long does each lesson last?
 3. What time does the school day start and finish?
 4. How many Co-op values are there?
 5. How many 'Ways of Being Co-op' are there?
 6. Bonus points if you can name all the 'Ways of Being Co-op'!
 7. How many different extracurricular clubs can you find on our website?
 8. How many items are there in your new KS3 PE kit?
 9. How many subjects will you be studying in year 7?
 10. How many maths teachers are there at Co-op Academy Priesthorpe?
- A. Imagine there were 190 students next year in year 7. If 42% of them are girls, how many boys are in the year group? (round to the nearest whole number)
- B. If those 190 students need to be split up into coaching groups of no more than 12 students each, how many coaching groups would be needed to include everyone?



Letter tiles maths challenge

Here are some letter tiles and their values from a word game. The tiles are used to create two boys and one girl's name. If you add up the total scores of the letters in the names the answer is 39. All the names are different, what are they?

Clues:

- The name of the girl has the same number of letters in it as one of the boys' names.
- If you add together the first letters of the boys' names, the answer is 16.
- The girl's name scores 5 in total.
- Both boys' names have the same scores.
- In all of the names, there are seven letters that score 1.

A ₁	B ₃	C ₃	D ₂	E ₁	F ₄
G ₂	H ₄	I ₁	J ₈	K ₅	L ₁
M ₃	N ₁	O ₁	P ₃	Q ₁₀	R ₁
S ₁	T ₁	U ₁	V ₄	W ₄	X ₈
Y ₄	Z ₁₀				

Use the information provided by the clues above and work out which of the following names fit the criteria:

Aisha	Walt	Zak	Xavier	Xabi	Jeana
Sam	Jacques	Jay	Tina	Joe	Dot
Yvonne	Zachary	Queenie	Jayden	Joachim	Xabier
James	Gabi	Quentin	Gina	Zebedee	Jack
Yanis	Zephaniah	Finn	May	Yeng	Xerxes

For other challenges or places to find extra maths please refer to websites such as:

<https://nrich.maths.org/frontpage>

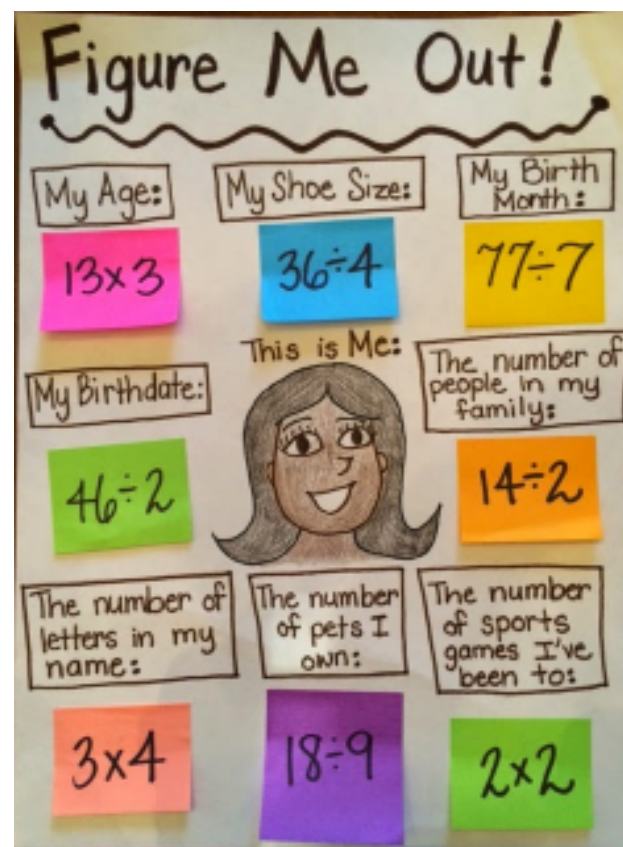
<https://ukmt.org.uk/>

<https://corbettmaths.com/>

In order to help us get to know you all in September, your new Maths teachers would like you to create a poster about yourself using some number facts! You must include a minimum of 8 facts involving numbers about yourself, but how you display this is your decision.

We have included an example below of categories you could use but ultimately it is up to you to decide what facts you want to share and choose your own calculations.

When we have them all back in September the best ones will be used for a display in our corridor and there will be a prize for the most inventive pieces of work! Have fun!



$$b > \frac{1}{n} \sum_{i=0}^n x_i$$

be greater than average