

start	E	$5^3 \times 5^2$	5^5	R	$5^6 \times 5^3$	5^{13}	A	$(5^6)^{-2}$
5^{-5}	M	$5^3 \div 5$	5^6	E	$5^2 \times 5^6$	5^{12}	H	$(5^{-2})^2$
5^{-1}	R	$5^{-1} \times 5^{-2}$	5^8	S	$5^{-14} \div 5^{-1}$	5^9	E	$5^4 \div 5^4$
5^{14}	T	$5^3 \div 5^2$	5^{-3}	E	$5^8 \div 5^5$	5^{-13}	I	$(5^5)^3$

I	H	$5^2 \times 5^2$	5^7	C	$5^{15} \div 5^5$	5^{15}	S	$5^5 \times 5^2$
5^2	E	$5^{14} \div 5^2$	5	A	$5^{-2} \times 5^{-3}$	5^3	V	$(5^3)^2$
5^{-4}	T	$5^3 \div 5^{-10}$	5^4	W	$5^{-1} \times 5^{12}$	5^{-12}	M	finish
5^{11}	Y	$5^2 \div 5^3$	5^{10}	I	$(5^2)^7$			



Teaching notes

Print out the sheets onto card or thick paper. It may be useful to print onto different colours each time, to avoid the sets of dominoes getting muddled up.

Cut along all bold lines to create 23 dominoes, each showing a question, letter and answer. The dominoes are not given in any order, so can be given to students to cut out.

The dominoes can be arranged into one continuous chain by matching each question with its answer. When arranged correctly, the letters spell out a phrase when read *backwards* (to avoid students guessing the phrase before completing the maths!):

MATHEMATICS IS EVERYWHERE

The cards could be used for students to glue into their books or create a poster, or they could be laminated for future use.