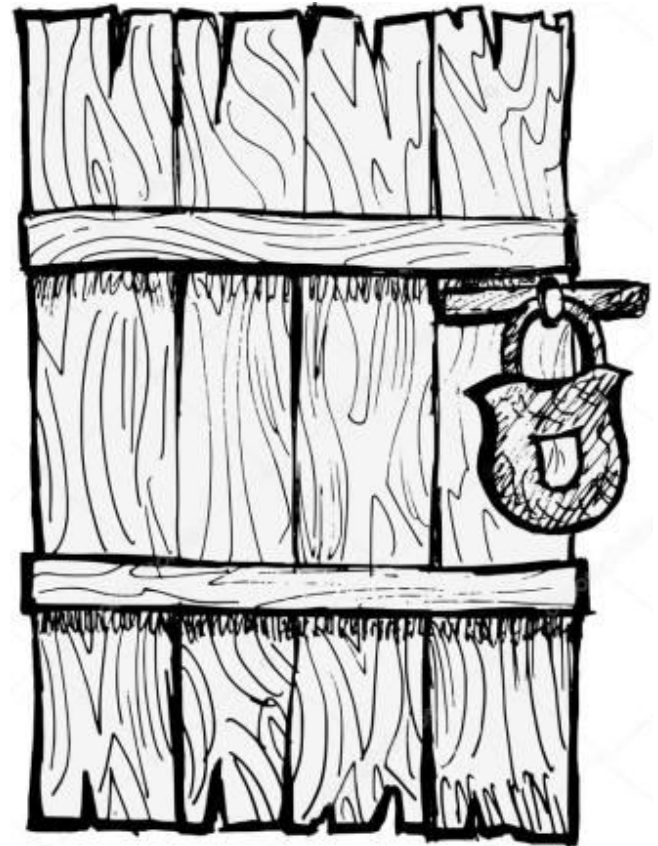




ESCAPE ROOM EDU

MULTIPLYING AND DIVIDING MONOMIALS



Digital Link: <http://bit.ly/2tdYcJn>



Mission Objective

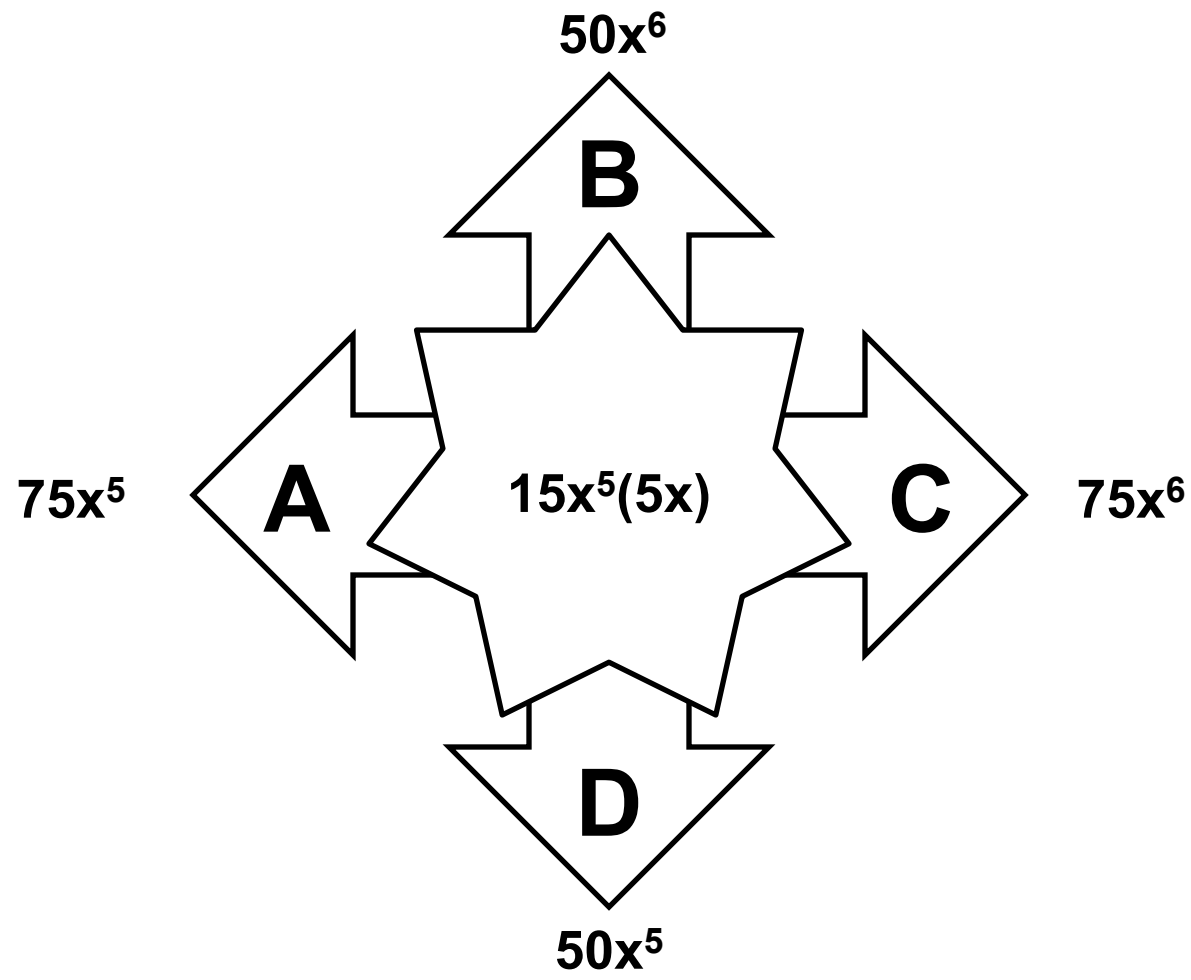
A MAD MATHEMATICIAN TRAPPED YOUR WHOLE CLASS IN THE CLASSROOM. IN ORDER TO ESCAPE, YOU MUST USE YOUR KNOWLEDGE OF MONOMIALS TO CONVINCHE HIM TO LET YOU GO. ANSWER THE QUESTIONS AT EACH LEVEL AND BE SURE TO RECORD EACH ANSWER. ONCE ALL LEVELS ARE COMPLETE, RETRIEVE THE COMPLETION CODE TO BREAK OUT AND SAVE THE DAY. YOU MUST HURRY AND ESCAPE BEFORE YOU REMAİN TRAPPED IN MATH CLASS FOREVER!





LEVEL 1

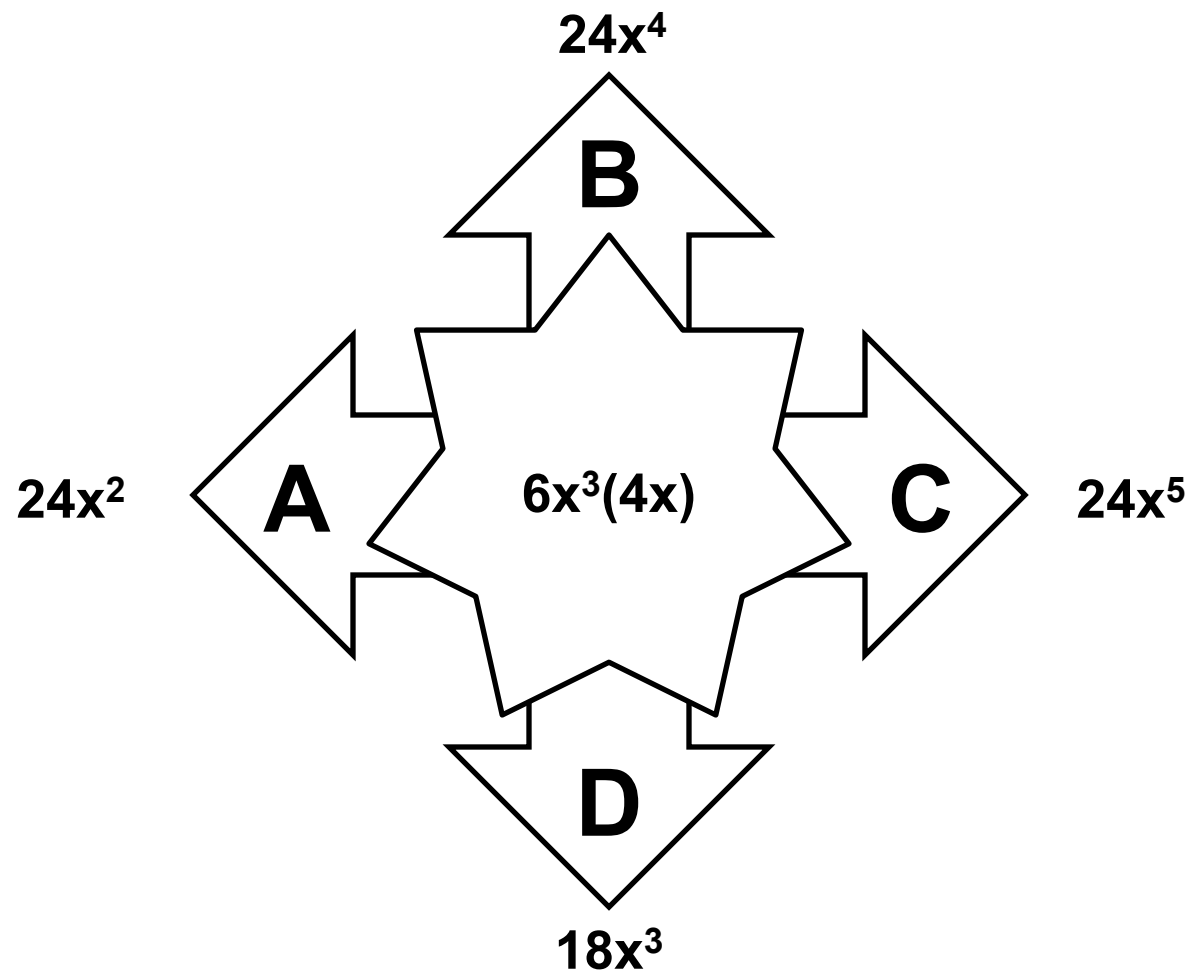
Q1





LEVEL 1

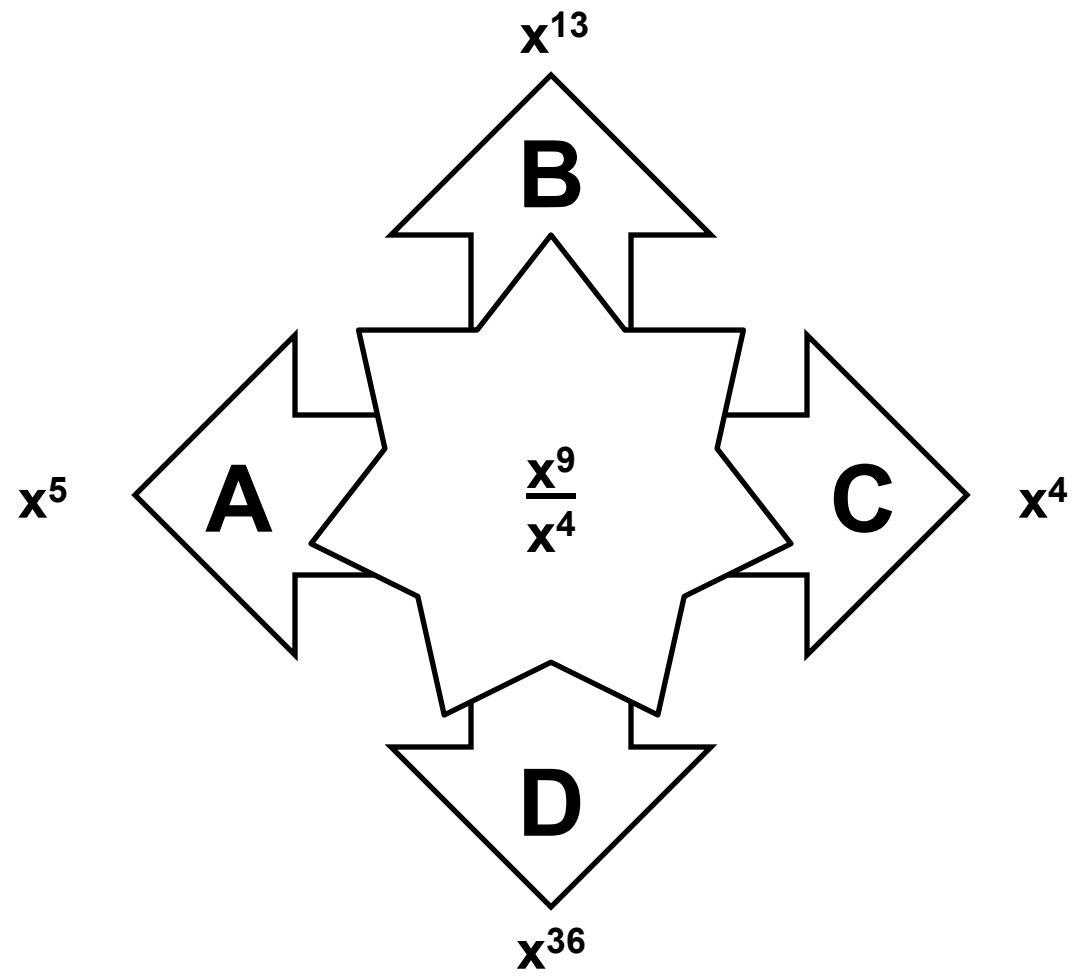
Q2





LEVEL 1

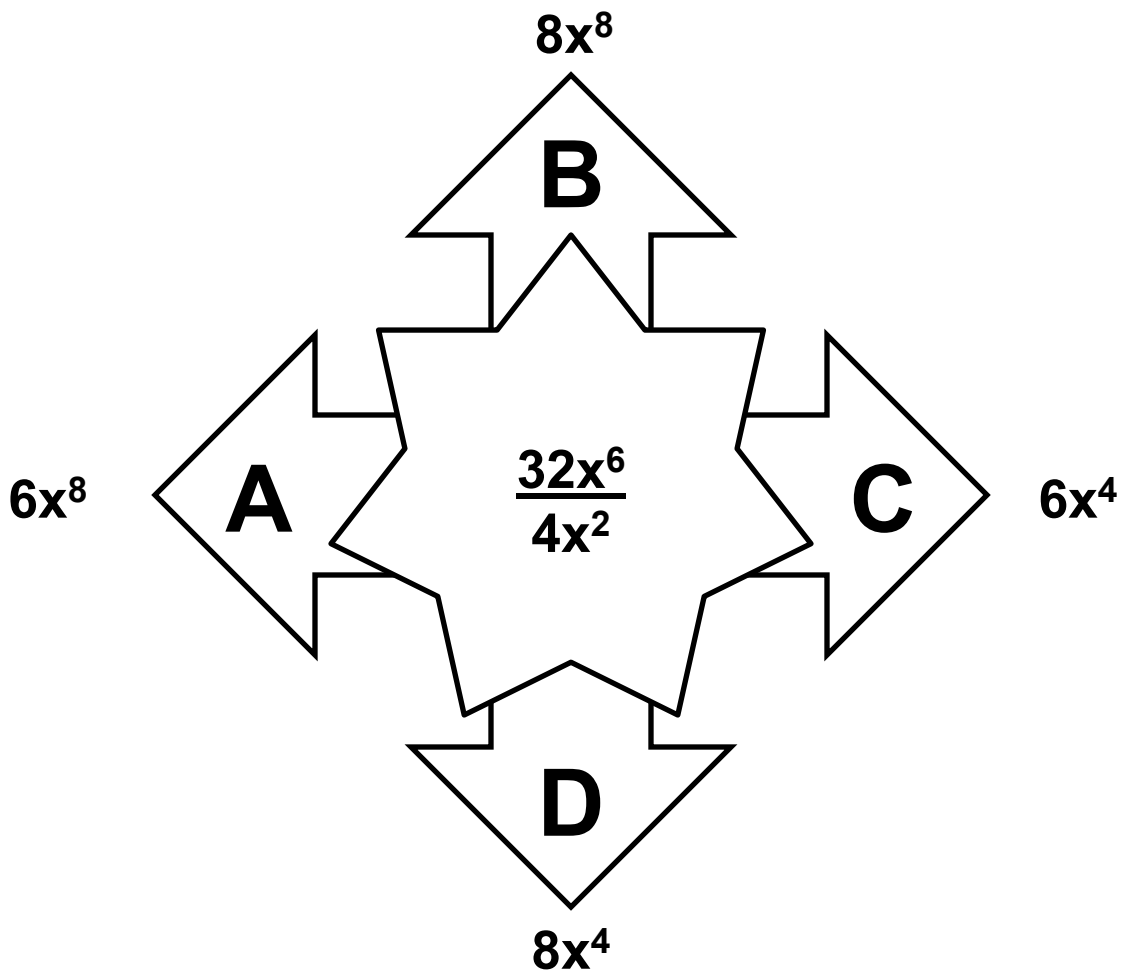
Q3





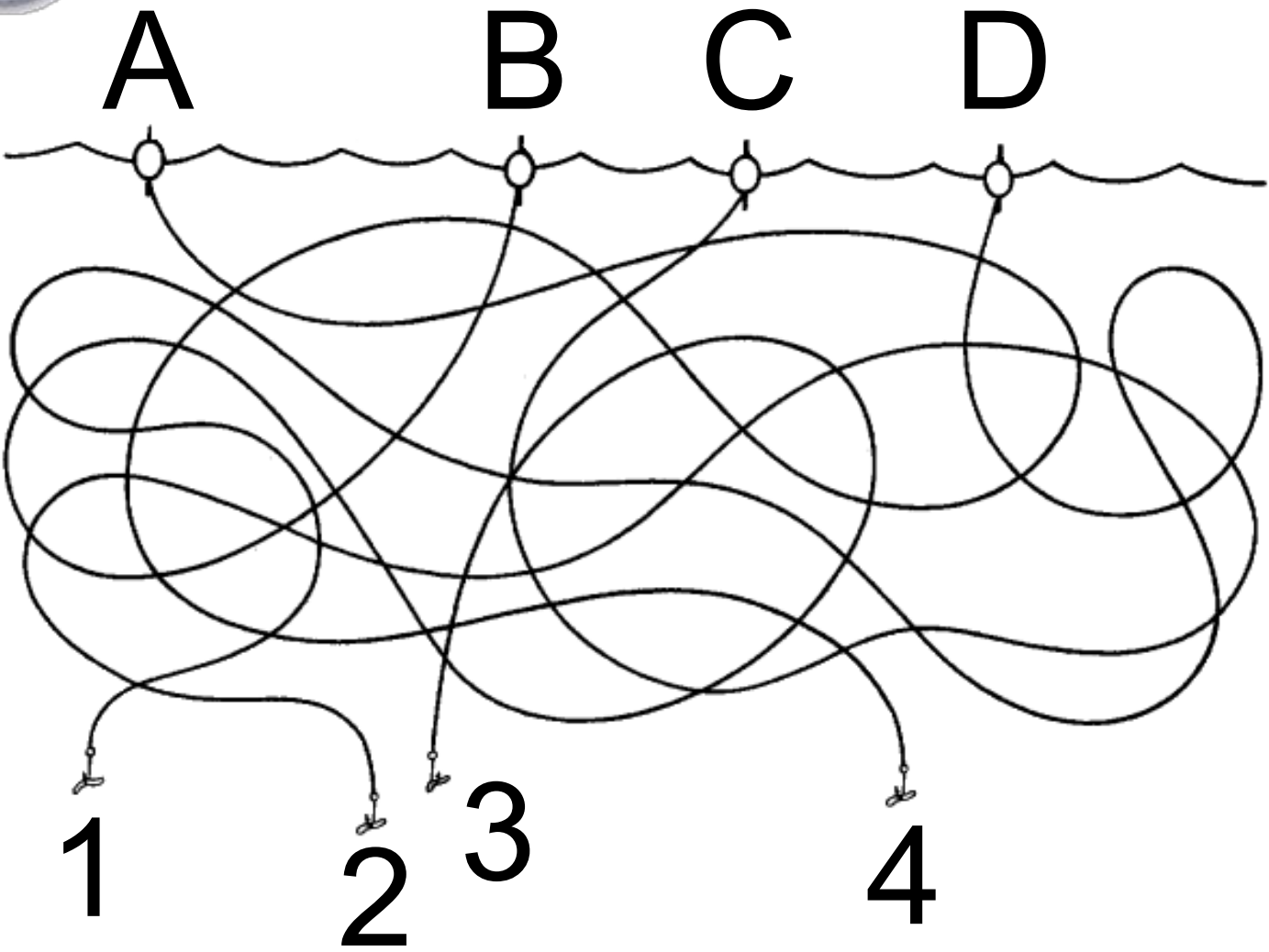
LEVEL 1

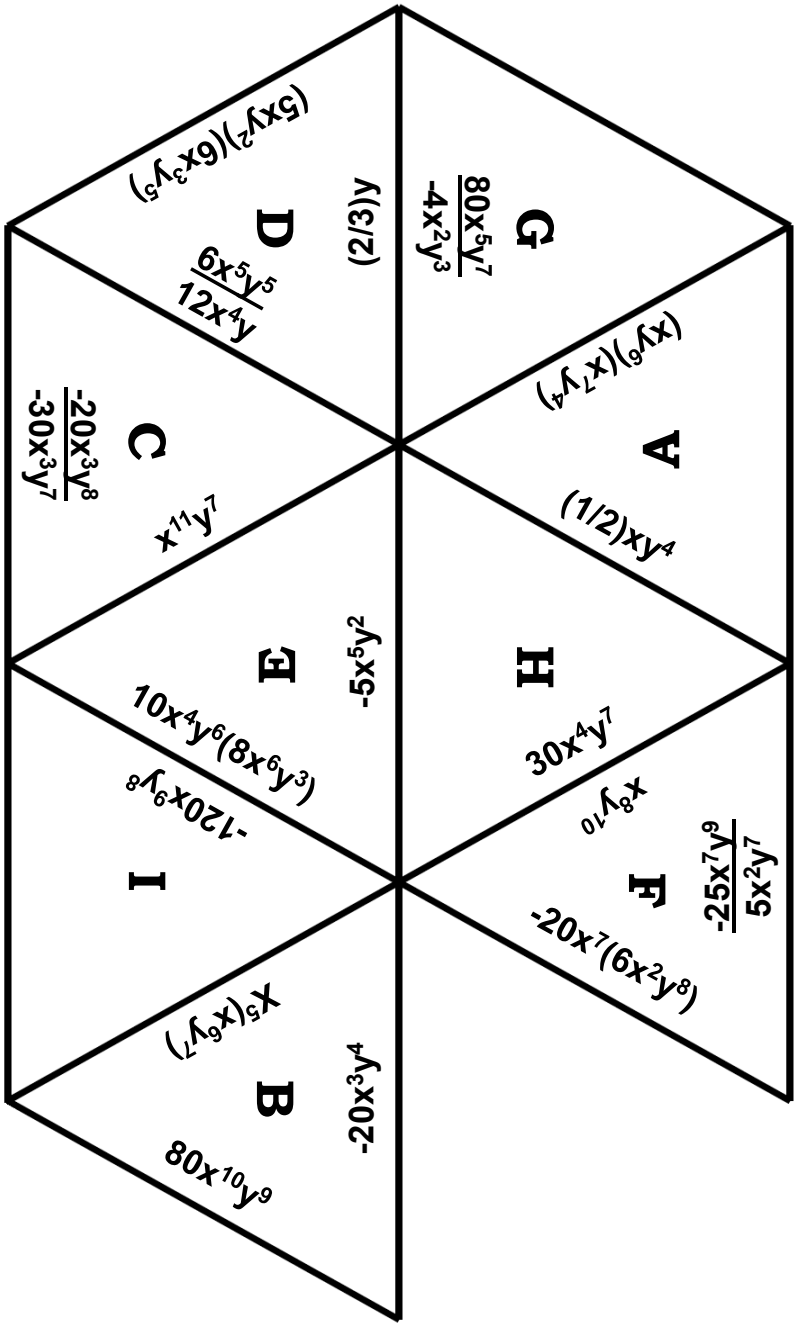
Q4



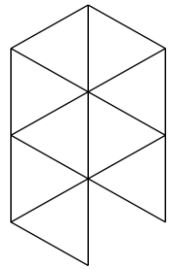
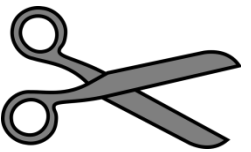


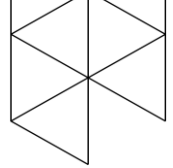
LEVEL 1

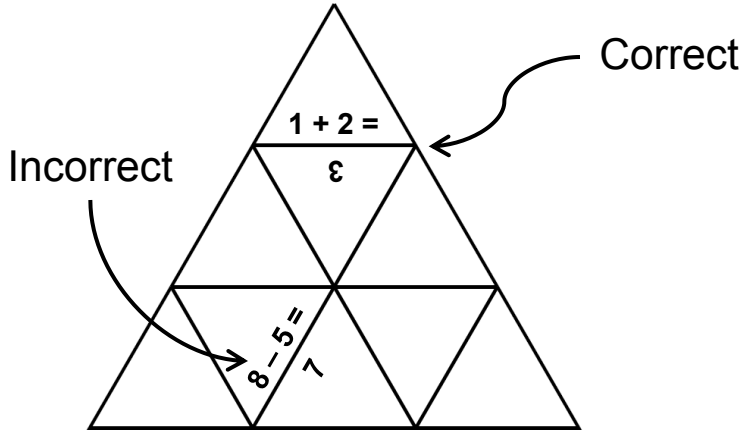




LEVEL 2



1. Cut the triangles  apart.
2. Solve the 9 problems.
3. Build a triangle so that each edge has the same answers facing each other.





LEVEL 2

Solve each problem and write the matching letter on the blank above the answer.

E $(3x^2y^3z^2)^2(7x^3y^3z^4)$

U $\frac{42x^6y^5z^4}{12x^7y^3z^5}$

I $(4x^3y^2z^2)^2(6x^3y^4z^2)$

A $\frac{-32x^5y^2z^9}{-72x^7y^5z^5}$

P $(2x^2y^2z)^2(3x^2y^2z^2)^2$

H $\frac{56x^4y^9z^3}{-16x^8y^5z^7}$

Y $(xyz^2)^2(8x^2y^3z^2)^2$

L $\frac{-28x^5y^4z^9}{-42x^7y^8z^5}$

M $(2xyz^2)^2(4x^2y^3z)^2$

K $\frac{14x^3y^6z^7}{-49x^5y^2z^4}$

S $(6x^2y^2z)^2(2x^2y^4z^2)$

$\frac{2z^4}{3x^2y^4}$

$\frac{7y^2}{2xz}$

$64x^6y^8z^6$

$36x^8y^8z^6$

$64x^6y^8z^8$

$64x^6y^8z^6$

$96x^9y^8z^6$

$\frac{2z^4}{3x^2y^4}$

$\frac{-2y^4z^3}{7x^2}$

$72x^6y^8z^4$

$\frac{-7y^4}{2x^4z^4}$

$\frac{4z^4}{9x^2y^3}$

$\frac{-2y^4z^3}{7x^2}$

$63x^7y^9z^8$

$72x^6y^8z^4$



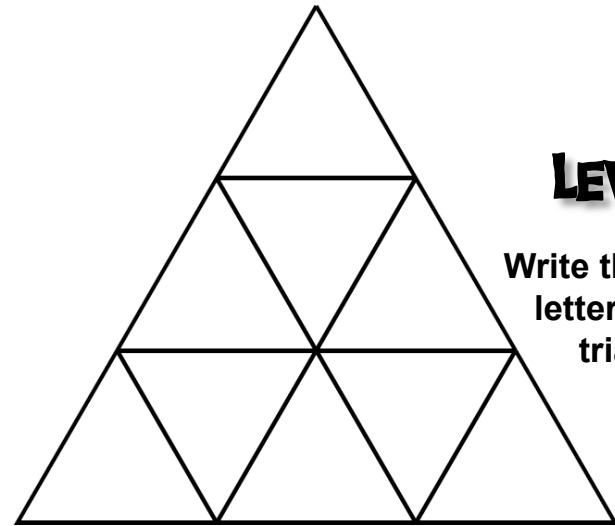
MAKE YOUR ESCAPE!
MULTIPLYING & DIVIDING MONOMIALS

Name _____

Digital Link: bit.ly/2tdYcJn

LEVEL 1

Codes	Answers	Q1	Q2	Q3	Q4
		Digit 1	Digit 2	Digit 3	Digit 4



LEVEL 2
 Write the correct letter in each triangle

LEVEL 3

What do you get if you mix a cow with a camel?

Congratulations!
Enter the completion code to make your escape!

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