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Here is the problem

























A		x		=	
C		x		=	
E		x		=	
G		x		=	
B		x		=	
D		x		=	
F		x		=	
H		x		=	

1

A	 x  = 	B	 x  = 
C	 x  = 	D	 x  = 
E	 x  = 	F	 x  = 
G	 x  = 	H	 x  = 

























In question 'D' we worked out that square squared is oval, also in question 'B' square times oval (square times square) is semi circle this translates to square cubed. The only number between 0 and 12 that has a square and a cube number must be 2. therefore square is 2, oval is 4 and semicircle is 8.

2

A	 x  = 	B	 x  = 
C	 x  = 	D	 x  = 
E	 x  = 	F	 x  = 
G	 x  = 	H	 x  = 

























In question 'C' we worked out that the rectangle squared is the splat and the only other number between 0 and 12 that can be squared to make another number that is bigger and also between 0 and 12 is 3. Therefore the rectangle is 3 and the splat is 9 as it is 3 (the rectangle)squared.

3

A	 x  = 	B	 x  = 
C	 x  = 	D	 x  = 
E	 x  = 	F	 x  = 
G	 x  = 	H	 x  = 

























In step 1 we worked out that the oval is 4 and in step 2 we worked out that the rectangle is 3. In question 'A' 3 times 4 is 12. Therefore the circle is 12.

4

A	 x  = 	B	 x  = 
C	 x  = 	D	 x  = 
E	 x  = 	F	 x  = 
G	 x  = 	H	 x  = 

























In step 1 we worked out that the square is 2 and in step 3 we worked out that the circle was twelve so the triangle must be 6 because 6 times 2 is twelve. Therefore the green triangle is 6.

5

A	 x  = 	B	 x  = 
C	 x  = 	D	 x  = 
E	 x  = 	F	 x  = 
G	 x  = 	H	 x  = 

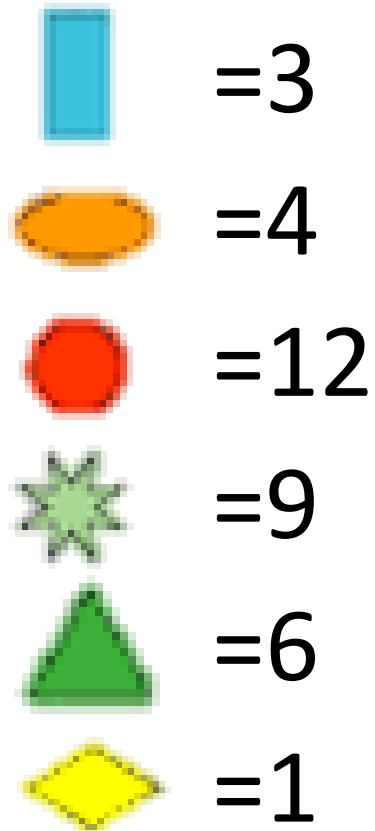
In step 1 we worked out that the semicircle is 8 but in question 'F' the answer is also in the question (the red triangle), the red triangle must be 0 as if you times something by 0 the answer is always 0. And in question 'H' the answer is also in the question. Therefore the diamond has to be 1 as anything times by 1 is the original number, but the hexagon could be anything from the remaining numbers (10,7,11 or 5).
























6

A	 x  = 	B	 x  = 
C	 x  = 	D	 x  = 
E	 x  = 	F	 x  = 
G	 x  = 	H	 x  = 

In step 1 we worked out that the square is 2 therefore the star must be half of the hexagon and the only 2 numbers of the remaining possibilities are 5 and 10. Therefore the hexagon is 10 and the star is 5 because 2 times 5 is 10. also 7 and 11 are prime numbers and would not fit.

Our solution



A	 x  = 	B	 x  = 
C	 x  = 	D	 x  = 
E	 x  = 	F	 x  = 
G	 x  = 	H	 x  = 