

In each one the blocks are arranged horizontally and then vertically.  
-Almina, Grace & Luca

$24 \div 2 = 12$     $24 \div 8 = 3$     $24 \div 3 = 8$

$(4 \times 6) + (3 \times 12) = 48$

$12 \div 4 = 3$     $12 \div 3 = 4$     $12 \div 1 = 12$

They've used different shapes of Lego block to make the same shape  
-Jude & Olivia

$6 \times 12 = 72$

They all show 2 different ways to make the same shape - Luca

$72 + 72 = 144$

They all make arrays of the connectors  
-Noah & Cami

They all make a rectangle  
-Almina

$24 + 24 = 48$

$(2 \times 3 \times 4) + (3 \times 8) = 48$

$72 + 72 = 144$

# LOOKING AT LEGO

$144 \div 2 = 72$ ,  $72 \div 3 = 24$  and  $72 \div 6 = 12$ .

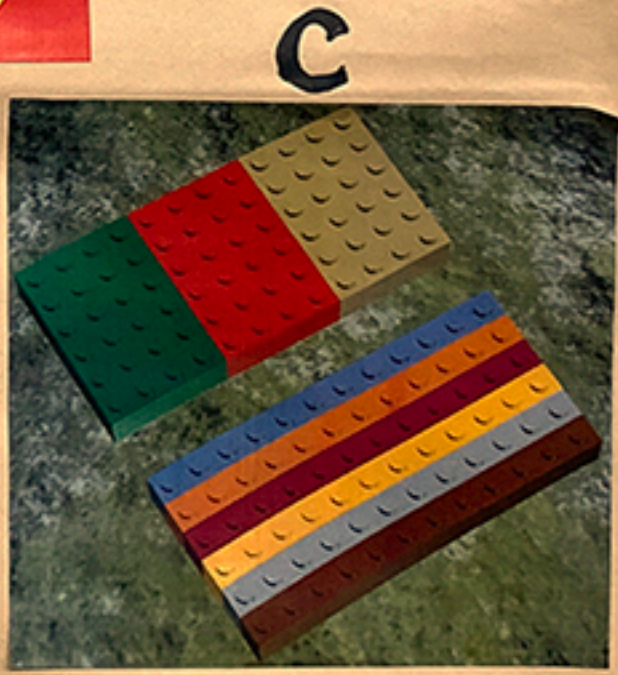
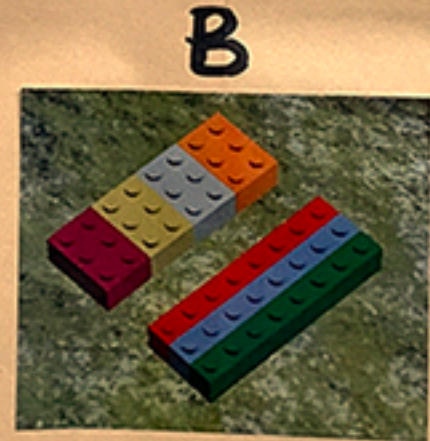
$12 \times 2 = 24$   
(A)                      (B)

$(6 \times 4) + (3 \times 8) = 48$

$3 \times 8 \times 2 = 48$

$12 + 12 = 24$

$(4 \times 3)^{(A)}$



In each one, one rectangle uses more lego blocks than the other.  
-Abi & Emily

$6 \times A = C$

$3 \times 8 = 24$

$3 \times B = C$

$3 \times 8 = 24$

The 2 rectangles in 'c' would make a square if you put them together.  
-Abi & Emily

$3 \times 6 \times 2 = 36$

They all appear in the 12 times table.  
-Luca

$(3 \times 24) + (6 \times 12) = 144$

$72 \times 2 = 144$

$((3+3) \times 4) + (8+8+8) = 48$

$72 \div 12 = 6$

$2 \times 12 = (12+12) = 24$

Double A is B and triple B is C so to continue the pattern quadruple C would be D.  
-Almina

$A \times 2 = B$

$(6 \times 12)^{(C)} = 6 \times 12 = 72$

$A+B=C \div 2$

They are all multiples of 3.  
-Maya & Yan