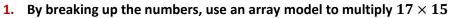
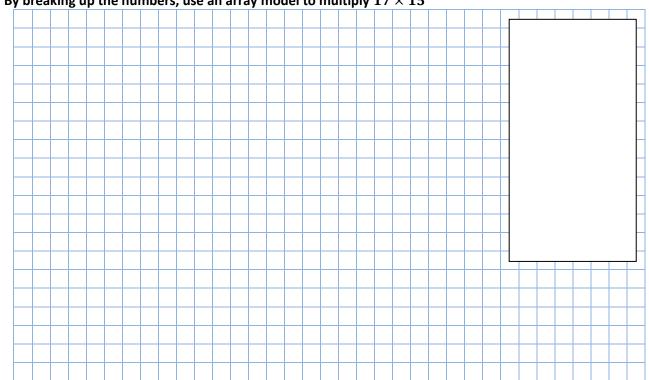
ARRAY MODELS



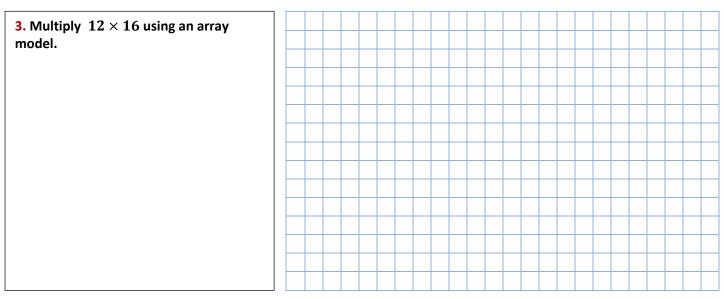




2. Multiply 17×15 using the long multiplication method you learned in Primary School.

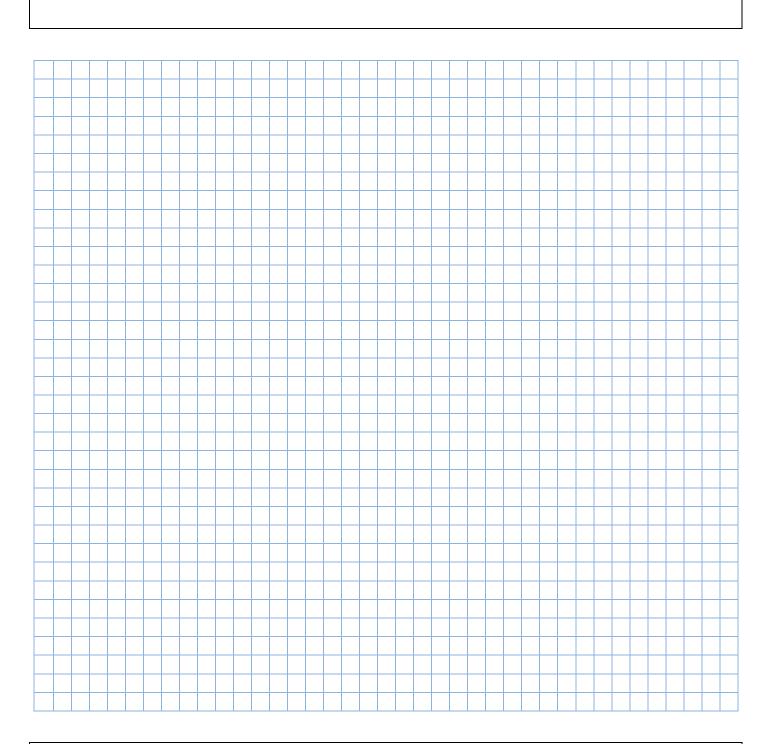


Can you see the number 170 in your diagram above? Can you see the number 85 in your diagram above?



4. Multiply the following bigger numbers using an array model.

24 × 35 =



5. Do you think it is necessary to use square paper all the time to draw an array model? Explain why.

6. Fill in the answers to the following multiplication sums using a rough array model

a.	13 x 17 = (10 +) x (10 +)		10	
	= 100 + 30 + +			
	= 221	10	100	30
	- 221			
		7		
b.	27 x 32 = (20 +) x (30 +)		20	
	=+++			
	=	30	600	
		[14
с.	35 x 41 =			
d.	14 x 18 =			
e.	27 x 41 =			

7. Find the answers to the following multiplication sums using the Distributive Law and check your answer using an array model.

