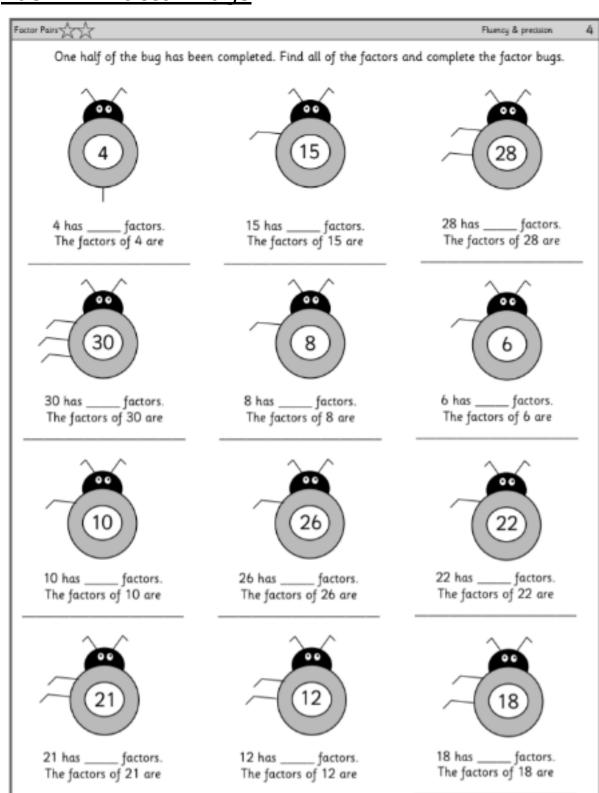
# **Multiplication Square**

This can be a helpful tool to find different factors.

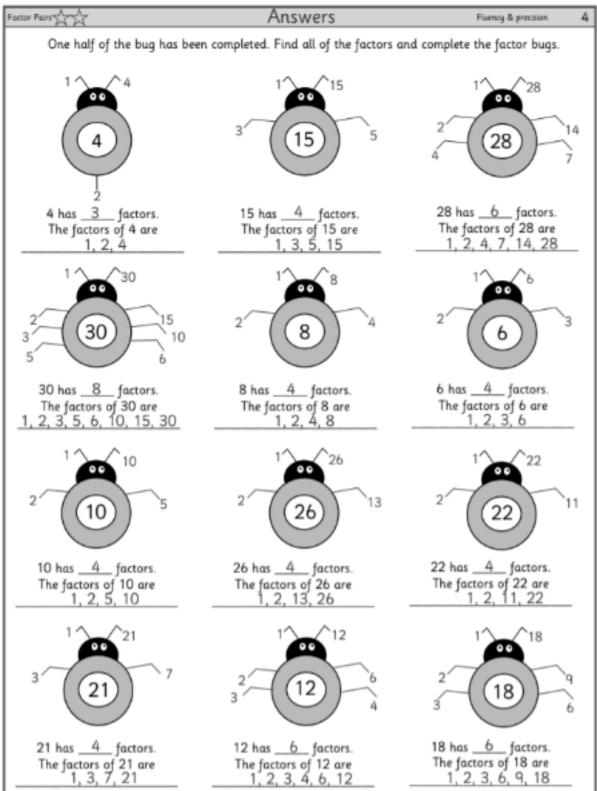
×	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144



### Task 1 - Factor Bugs

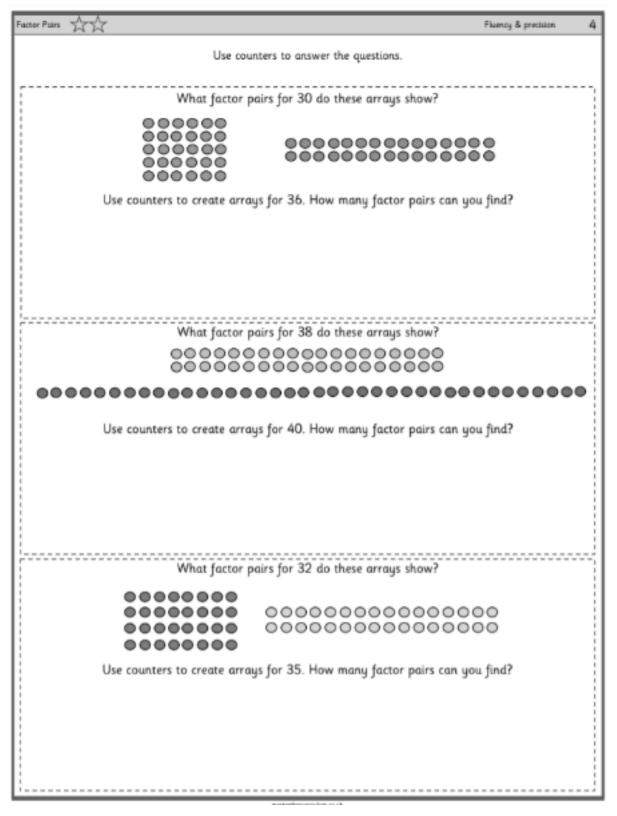
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### Task 1 Answers

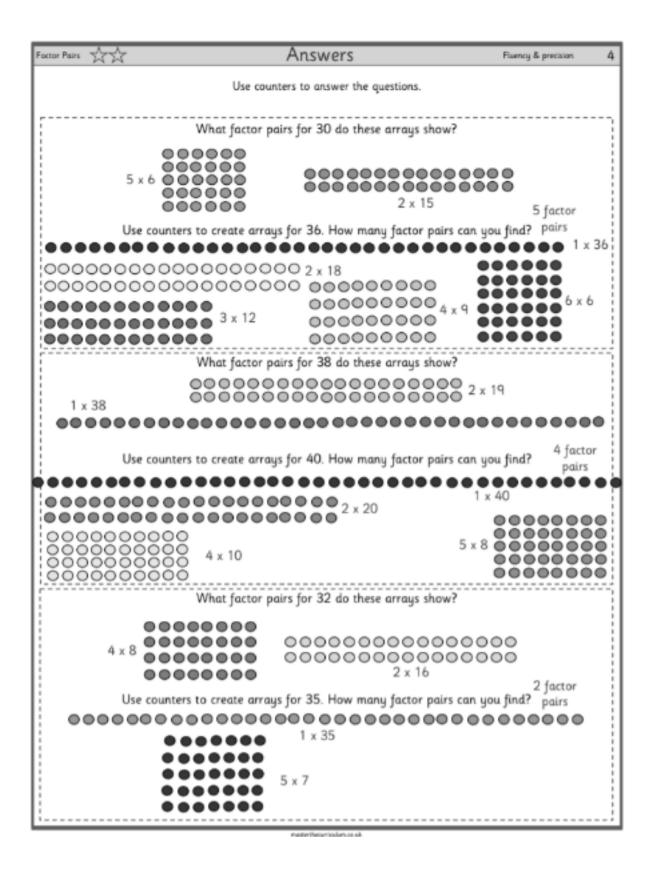


diameter desa co ca

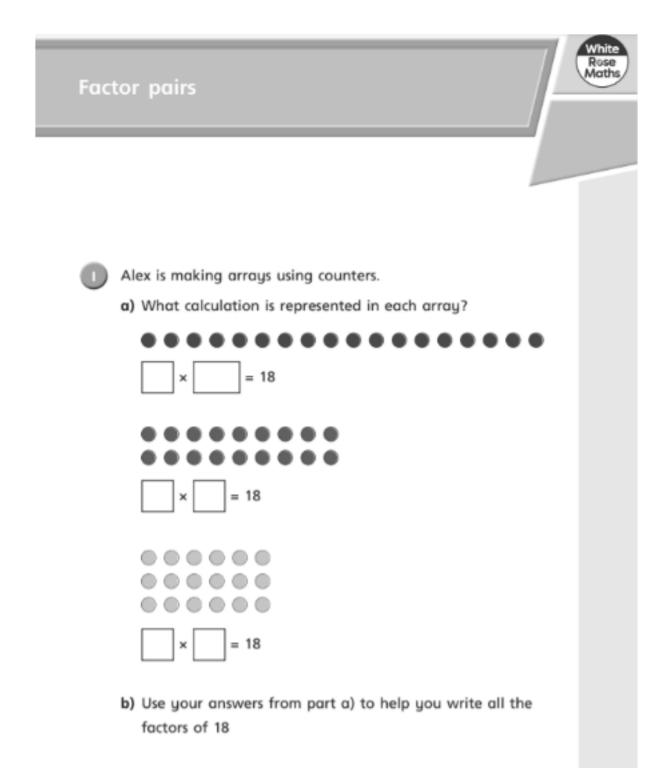
### Task 2 - Arrays

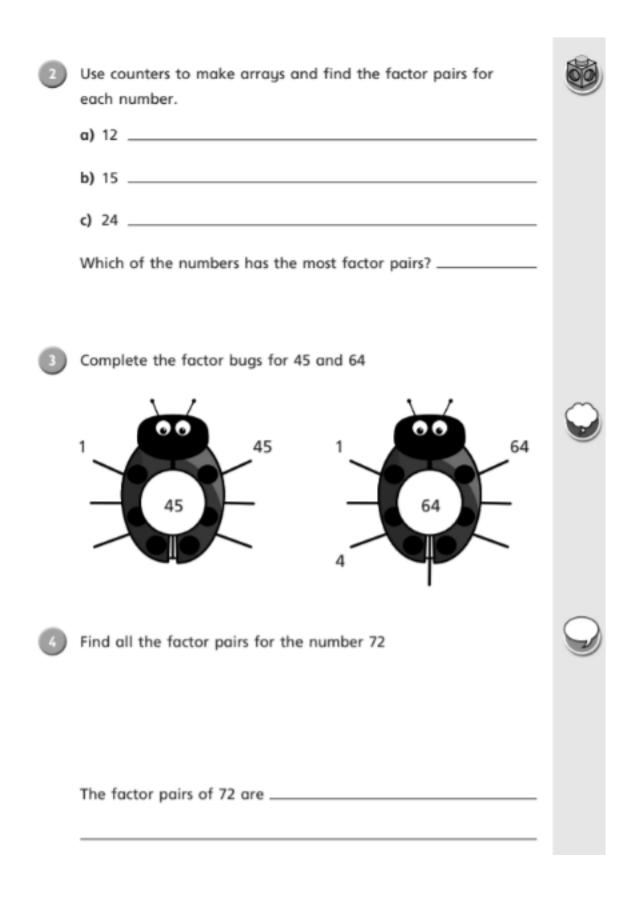


#### Task 2 - Answers



## Task 3 - White Rose Maths End of Unit





5	Are these statements true or false? True False	٢					
	8 and 2 are both factors of 10						
	5 and 50 are both factors of 50						
	25 has only three factors.						
	All the factors of 15 are odd.						
	Talk about your answers with a partner.						
6	The bigger the number the more factor pairs it has.						
	Use examples to show that Dexter is wrong.						
7	Tommy is finding factors of 12 and 18						
	12 and 18 have the same number of factor pairs.						
	a) Is Tommy correct?						
	Explain your answer.						

b) Find two other numbers with the same number of factor pairs.

B

Class 4B is having a sports day. There are 36 children in the class. The children need to be in equal groups. What group sizes are possible?

9)

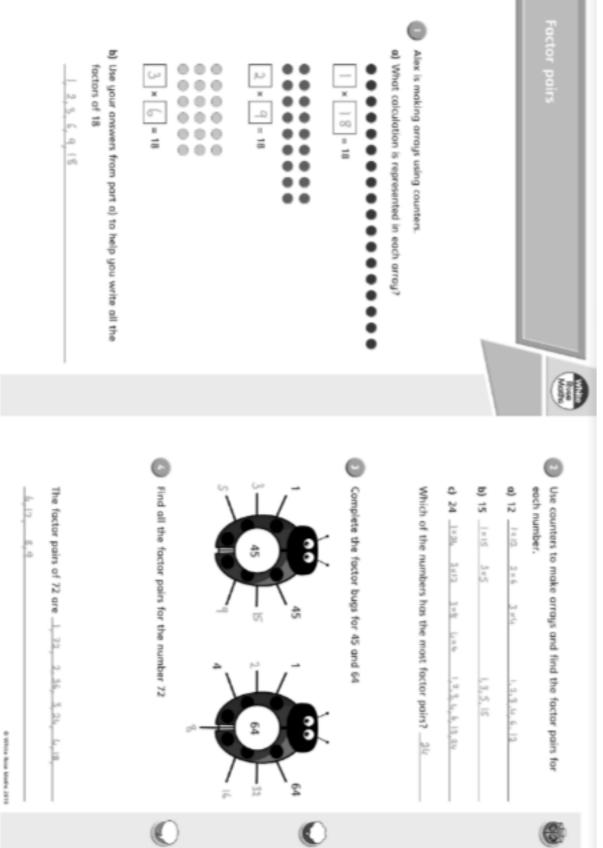
Rosie is investigating factor pairs.

6 is a perfect number because when you add its factors together, apart from itself, they equal 6



What is the next perfect number after 6?

### Task 3 Answers



6

0	0	0
Tommy is finding factors of 12 and 18 12 and 18 have the same number of factor pairs. a) is Tommy correct? <u>Vin</u> Explain your answer. <u>They have have 1 point</u> and so is param.	8 and 2 are both factors of 10 5 and 50 are both factors of 50 25 has only three factors. All the factors of 15 are odd. Talk about your answers with a partner. Talk about your answers with a partner. Use examples to show that Dexter is wrong. Eg	Are these statements true or false? True False
	$\bigcirc$	${}^{\textcircled{0}}$
Image: Note is investigating factor pairs.   B is a perfect number because when you add its factors together, opart from itself, they equal b   Image: Note is the next perfect number after 6?	Image: 10 million 1 million   Image: 10 million 1 million	b) Find two other numbers with the same number of factor pairs.