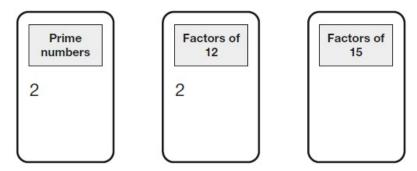
Year 6 Factors and Multiples

Q1.	. Write the missing numbers.			
	Factors of 20 = {1,,,,,,,	20}		
				1 mark
Q2.	. The factor pairs of 8 are			
	1 and 8			
	2 and 4			
	Write all the factor pairs of 42			
	1 and 42			
	2 and			
	and			
	6 and			
∩ 3	. 1 and 48 is factor pair of 48. Find three other factor pairs of 48			2 marks
Qυ.	. I and 40 is ractor pair of 40. Tind three officer ractor pairs of 40			
		,	and	
			and	
			and	
				2 marks
Q4.	. 1 and 35 is a factor pair of 35. What is the other factor pair of 35?			
			and	
				1 mark



Write each number on the correct cards.

The number 2 has been written on the correct cards for you.



2 marks

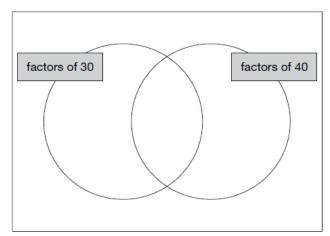
Q6. Tick the numbers that are common factors of both 12 and 18

- 2
- 3
- 6
- 9
- 12

2 marks

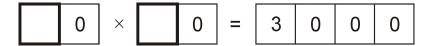
Q7. Write these numbers in the correct places on the diagram.

5 6 7 8



2 marks

Q8. Write in the two missing digits.

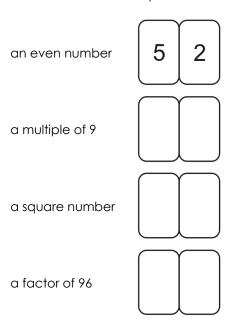


1 mark

Q9. Here are four digit cards.



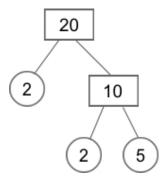
Choose two cards each time to make the following two-digit numbers. The first one is done for you.



2 marks

Q10. Any number can be written as a product of its prime factors, for example:

$$20 = 2 \times 2 \times 5$$



Write 90 as a product of its prime factors. 90 = _____

11. Circle all the	prime fa	ctors of 3	30			
2 3	5	6	10			
						1 mark
112. The number	s in this sec	quence	increase by the sc	ame amount	each time.	
Write the miss	sing numb	ers.				
	1			1 .		
	42	49		63	0 0	
	_			_		2 marks
13 Write all the	common	multiple	s of 3 and 8 that c	are less than !	50	2
io. Willo dii illo	COMMITTON	Потріс	3 Of 0 dila 0 mar c	ilo icas ilian (
						 1 mark
		.11	art and That will the		di dan ala andala ann	THIGK
4. Olivia count	s in eignts.	, starting	at zero. Tick all th	e numbers C	ilivia snoula say.	
24						
40	66					
42						
78						
112						
						1 mark
. In the circles,	write a mu	ultiple th	at belongs to eac	h set. One ho	as been done for	you.
numbers fr	om 1 to 99		multiple of 10	50		
numbers fro	m 101 to 19	99	multiple of 20			
				\bigcirc		
numbers fro	m 201 to 29	99	multiple of 30			
				\bigcup		
						2 marks
						ZITIGINS