Factors, Multiples and Primes

(a)	(b)	(c)	(d)
Write down the first five multiples of 9. $9, 18, 27, 36, 45$	Write down all the factors of 20. $1, 2, 4, 5, 10, 20$	Write down the first five multiples of 13. $13, 26, 39, 52, 65$	Write down all the factors of 36. $1, 2, 3, 4, 6, 9, 12, 18, 36$
(e)	**(f)**	**(g)**	**(h)**
6 is a multiple of 18. True or false? $False$	12 is a factor of 48. True or false? $True$	Find a number which is a prime number and a factor of 10. $2\ or\ 5$	Find a number which is a square number and a factor of 32. $4\ or\ 16$
(i)	**(j)**	**(k)**	**(l)**
Find a number that is a factor of both 18 and 24. $1, 2, 3\ or\ 6$	Find a number that is a multiple of 5 and a square number. $25, 225, \dots$	Find two prime numbers that add to make another prime number. $e.g.\ 2 + 5 = 7$	Write down all the prime numbers between 20 and 50. $23, 29, 31, 37, 41, 43, 47$
(m)	**(n)**	**(o)**	**(p)**
Find a prime number and a multiple of 4 that when added together give another prime number. $e.g.\ 3 + 8 = 11$	Find a multiple of 10 and a prime number whose difference is a square number. $e.g.\ 30 - 5 = 25$	Find two prime numbers that multiply together to make a factor of 40. $2 \times 5 = 10$	Find two different prime numbers and a factor of 60 that when added together make a multiple of 30. $e.g.\ 23 + 7 + 30 = 60$