

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. 9, 18, 27, 36, 45	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, ...	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. $23 + 7 + 30 = 60$