

1. Write down the first ten multiples of 4.

2. What is the lowest common multiple of:

(a) 6 and 8

(b) 3 and 5

(c) 8 and 10

(d) 12 and 14

3. Write down the factors of:

(a) 24

(b) 32

(c) 40

(d) 45

(e) 72



4. What is the highest common factor of:

(a) 24 and 36

(b) 14 and 32

(c) 60 and 48



5. Three musicians playing different instruments start by all playing at the same time.

The guitar then strums every 4 seconds, the drummer hits the cymbal every 6 seconds and the pianist plays a chord every 3 seconds.

(a) How long will it be before they play at the same time again?

(b) When will they next play at the same time?



6. Write down the prime numbers between 40 and 60.

7. What are the prime factors of:

(a) 20

(b) 48

(c) 27

(d) 100

(e) 250

8. Write down the square numbers between 1 and 100.

9. Write down two prime number that multiply to give an even number.

10. Write down two prime numbers that add to give 72.