Playing with Numbers Ex 2.1 Q7

Answer :

A number will be divisible by 5 if the unit's digit of that number is either 0 or 5.

(i) In 55, the unit's digit is 5. Hence, it is divisible by 5.

(ii) In 555, the unit's digit is 5. Hence, it is divisible by 5.

(iii) In 5,555, the unit's digit is 5. Hence, it is divisible by 5.

(iv) In 50,005, the unit's digit is 5. Hence, it is divisible by 5.

Playing with Numbers Ex 2.1 Q8

Answer :

No, because each natural number is a factor of itself.

Playing with Numbers Ex 2.1 Q9

Answer :

The numbers between 1 and 100 having exactly three factors are 4, 9, 25, and 49.
The factors of 4 are 1, 2 and 4.
The factors of 9 are 1, 3 and 9.
The factors of 25 are 1, 5 and 25.
The factors of 49 are 1, 7 and 49.

Playing with Numbers Ex 2.1 Q10

Answer :

A number which is exactly divisible by 2 is called an even number.
Therefore, 42 and 144 are even numbers.

A number which is not exactly divisible by 2 is called an odd number.
Therefore, 89 and 321 are odd numbers.

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