

**question**

What would you insert instead of `???`  
so that the program checks for even numbers?

```
if ???:  
    print('x is an even number')
```

**options**

- a) `x % 1 == 2`
- b) `x % x == 0`
- c) `x % 2 == 1`
- d) `x % 2 == 0`
- e) `x % 'even' == True`

**answer - d**

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The `%` operator in Python is called the modulus (or modulo) operator. It returns the remainder of a division operation.