

# fp.new

...

```
Copy fnnew(mag:MAG, sign:bool)->T;
```

...

Constructs a new fixed point instance.

## Args

- mag
- (MAG
- ) - The magnitude of the fixed point.
- sign
- (bool
- ) - The sign of the fixed point, where true
- represents a negative number.
- 

## Returns

A new fixed point instance.

## Examples

...

```
Copy use orion::numbers::{FP16x16,FP16x16Impl,FixedTrait};
```

```
fn new_fp_example()->FP16x16{ // We can call new function as follows. FixedTrait::new(65536,false) }
```

```
    {mag:65536, sign:false} // = 1 in FP16x16
```

...

[Previous Fixed Point](#) [Next fp.new\\_unscaled](#)

Last updated 5 months ago