

```
class sage.categories.sets_cat.Sets()
Bases:
```

```
class ParentMethods sage: A = Sets().WithRealizations().example(); A
Sets.WithRealizations.ParentMethods.facade_for()
Sets.WithRealizations.ParentMethods.inject_shorthands(verbose=True)
Sets.WithRealizations.ParentMethods.realizations()
```

Returns an example of set with multiple realizations, as

```
Sets.WithRealizations.example(base_ring=None, set=None)
```

A set with multiple realizations is a facade parent

```
Sets.WithRealizations.extra_super_categories()
```

```
Sets.example(choice=None).example()
```

```
Sets.super_categories(super_categories())
[Category of sets with partial maps]
```

```
class Realizat
```