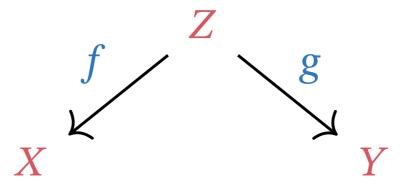
**Definition** (Span). Given a category  $\mathbb{C}$ , a *span* from an object X to an object Y is a diagram of the form



where Z is some other object of C.