## Monoid-Graded Monoids in 8



$$(\mathsf{E},0,+) \qquad \eta:\mathsf{T}\to M_0$$
 
$$M:\mathsf{E}\to\mathscr{C} \qquad \left[\mu_{e_1,e_2}:M_{e_1}\otimes M_{e_2}\to M_{e_1+e_2}\right]$$

A monoidal multiplication

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