Find relationship between T and m.

$$T = \frac{K}{m}$$

$$6 = \frac{k}{2}$$

 $4.8 = \frac{12}{m}$ 

$$m = \frac{12}{4.8}$$

$$m = 2.5$$

$$M = \frac{k}{t^2}$$

$$M = \frac{36}{t^2}$$

$$M = \frac{36}{3^2}$$

$$M = \frac{36}{9}$$

$$1.44 = \frac{36}{6^2}$$

$$1.44E^2 = 36$$

$$\xi^2 = \frac{36}{1.44}$$