Find the limit of the sequence whose terms are given by

$$
a_{n}=n^{2}\left(1-\cos \frac{3.2}{n}\right)
$$

$\square$

Find the limit of the sequence whose terms are given by

$$
a_{n}=n^{2}\left(1-\cos \frac{3 \cdot 2}{n}\right)
$$

