17.) $4987m = \underline{\hspace{2cm}}$ mi.

$\dfrac{1 \text{ mile}}{1.609 \text{ km.}}$ Unit Multiple

$4987m$

$4,987.000$

$\dfrac{\cancel{M}}{1} \times \dfrac{1 \cancel{km}}{1000 \cancel{M}} \times \dfrac{1 \text{ mile}}{1.609 \cancel{km}} = \dfrac{4,987,000 \text{ miles}}{1609}$

$\boxed{3099 \text{ miles}}$

7.)   for m

$$\frac{2}{3}m + a = a + r$$
$$\quad\quad -a \quad -a$$

$$\frac{3}{2} \times \frac{2}{3}m = r$$

$$\boxed{m = \frac{3}{2}r}$$

11.) $\dfrac{\cancel{5}}{1} \cdot \dfrac{rx+9}{\cancel{5}} = h \cdot \dfrac{5}{1}$

$rx + 9 = 5h$
$\quad -9 \qquad\qquad -9$

$\dfrac{rx}{r} = \dfrac{5h-9}{r}$

$\boxed{x = \dfrac{5h-9}{r}}$

16.) $\quad v = \dfrac{2\pi}{t} r \cdot \dfrac{t}{2\pi} \qquad \text{for } r$

$$\dfrac{t}{2\pi} v \quad = r$$