```
3
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(1)
$$a = 10 \frac{cm}{s^2}$$

$$= 0.10 \frac{m}{s^2}$$
1時間は3600 秒なので、
$$1h = 3600s$$

$$1h^2 = 3600^2 s^2 = 1.296 \times 10^7 s^2$$

$$a = 0.10 \cdot 1.296 \times 10^7$$

$$= 1.296 \times 10^6 \frac{m}{h^2}$$
よって、
$$x = 1.296 \times 10^6$$
(2)
$$a = 36 \frac{m}{min^2}$$

$$= 3.6 \times 10^3 \frac{cm}{min^2}$$

$$1秒間は \frac{1}{60} か問なので、$$

$$1s = \frac{1}{60} min$$

$$1s^2 = \left(\frac{1}{60}\right)^2 min^2 = 2.777 \times 10^{-4} min^2$$

$$a = 3.6 \times 10^3 \cdot 2.777 \times 10^{-4}$$

$$= 1.0 \frac{cm}{min^2}$$
よって、

x = 1.0