

- 20		1000		-
12	ne	1+ 6	NO	1.
0	-	-	-	-

a) when $y = 0 \Rightarrow 2c^2 = 16 \Rightarrow 2c = \pm 4 \Rightarrow 2c = 4$ (first quad

$$\sqrt{2} = 8 - \frac{76^2}{2}$$

 $= \frac{7}{100} \int_{0}^{4} \frac{1}{100} dx = \frac{7}{100} \int_{0}^{4} \left[8 - \frac{3e^{2}}{2} \right] dx$

$$= \frac{3}{6} = \frac{32 - 64}{6} = 0.$$

$$= \frac{192-67}{6} = \frac{128}{6} = 21\frac{1}{3} \text{ (mit}^3).$$

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11 P(Second offensp) = 0.75 × 0.75 = 0.5625.

20 = +- 1

it means the particle is 1 m on the geft.



$$\frac{11}{t+2}$$

$$=) \quad 2C = \frac{t+2-4}{t+2} - \frac{4}{t+2}.$$

$$v = 3i = (-1) \times (-4) \times (++2)^{-2} = \frac{4}{(++2)^2}$$

omd:
$$a = 3i - (-2) \times 4 \times (++2)^{-3} = \frac{-8}{(++2)^3}$$

$$\frac{2}{(t+2)^2} = 0.$$

$$(t+2)^2 = 0.$$

$$\pm$$
 = -2 (time never negative).

there force the particle never rest.

$$\frac{1}{(t+2)^2}$$

as + + increases indefinitely, velocity will come to

0.