

9

no 1 0 1 2

1

$$-\frac{1}{2(a-1)} = 2$$

$$a = \frac{r}{r}$$

9

$$-\frac{1}{r}x^r + a + r \rightarrow a = \frac{1}{r}$$

$$-1 = 4(a-1) = 4a - 4 \rightarrow 4a = 3 \rightarrow a = \frac{3}{4}$$

$$a = \frac{3}{4} \quad y = -\frac{1}{4}x^r + x + 3$$

$$-\frac{1}{4}x^r + x + 3 = 0$$

$$x = \frac{4 \pm 8}{2} \rightarrow x = 6 \rightarrow x = -2$$

4

m < .

$$m < 0, \quad r_m < r_d \rightarrow \frac{-d}{r} < m < .$$

9

$$\Delta = b^2 - 4ac = (-k)^2 - 4m$$

$$m = \frac{1}{4}(4 - m^2)$$

$$|m| < 2$$

$$-2 < m < 0$$

$$4 - m^2 > 0$$