$$\left\langle x \,\middle|\, \tfrac{1}{\frac{1}{2}} \right\rangle$$

$$\left\{ x \,\middle|\, x < \tfrac{1}{\frac{1}{2}} \right\}$$

$$\left\{ x \mid x < \tfrac{1}{\frac{1}{2}} \right\}$$

$$\left\{ x \,\middle|\, x < \tfrac{1}{\frac{1}{2}} \right\}$$

$$\left\{ x \,\middle|\, x < \tfrac{1}{\frac{1}{2}} \right\}$$

$$\left| x \right\rangle \left\langle \tfrac{1}{\frac{1}{2}} \right|$$

$$\left\langle x \,\middle|\, \tfrac{1}{\frac{1}{2}} z \right\rangle$$

$$\left\{ x` ? \, \tfrac{1}{\frac{1}{2}} \right\}$$

$$\left\{ x? \, \tfrac{1}{\frac{1}{2}} \right\}$$

$$\left\{ x \,\middle|\, a | b \tfrac{1}{\frac{1}{2}} \right\}$$

$$\{ |y| \}$$

$$\langle x |$$

$$| y \rangle$$

$$\left\langle x \,\middle|\, \tfrac{1}{\frac{1}{2}} \,\middle|\, y \right\rangle$$

$$< x \,\middle|\, \tfrac{1}{\frac{1}{2}} \,\middle|\, y >$$

$$| x \rangle \left\langle y \tfrac{1}{\hbar} \right|$$

$$| x \rangle \left\langle y \tfrac{1}{2} \right|$$

$$| x \rangle \left\langle y \tfrac{1}{\hbar} \right|$$

$$P\left(A \,\middle|\, \tfrac{1}{\frac{1}{2}} \right)$$