7. $[\hat{x}^2, \hat{p}_x] = \hat{x}^2(-i\hbar\frac{\partial}{\partial x}) + i\hbar\frac{\partial}{\partial x}\hat{x}^2$

$[\hat{x}^2, \hat{p}_x]\psi = \hat{x}^2(-i\hbar\frac{\partial\psi}{\partial x}) + i\hbar\frac{\partial}{\partial x}(x^2\psi) = -i\hbar x^2\frac{\partial}{\partial x}\psi + i\hbar(2x\psi + x^2\frac{\partial\psi}{\partial x})$

$[\hat{x}^2, \hat{p}_x]\psi = 2i\hbar x\psi \Longrightarrow [\hat{x}^2, \hat{p}_x] = 2i\hbar x$

$[\hat{x}, \hat{p}_x^2] = \hat{x}(-\hbar^2\frac{\partial^2}{\partial x^2}) + \hbar^2\frac{\partial^2}{\partial x^2}\hat{x}$

$[\hat{x}, \hat{p}_x^2]\psi = -\hbar^2 x\frac{\partial^2}{\partial x^2}\psi + \hbar^2\frac{\partial^2}{\partial x^2}(x\psi) = -\hbar^2 x\frac{\partial^2}{\partial x^2}\psi + \hbar^2(\frac{\partial}{\partial x}\psi + \frac{\partial}{\partial x}\psi + \frac{\partial^2}{\partial x^2}\psi)$

$[\hat{x}, \hat{p}_x^2]\psi = 2\hbar^2\frac{\partial}{\partial x}\psi \Longrightarrow [\hat{x}, \hat{p}_x^2] = 2\hbar^2\frac{\partial}{\partial x} = 2i\hbar\hat{p}_x$

$[\hat{x}^2, \hat{p}_y] = \hat{x}^2(-i\hbar\frac{\partial}{\partial y}) + i\hbar\frac{\partial}{\partial y}(\hat{x}^2)$

$[\hat{x}^2, \hat{p}_y]\psi = \hat{x}^2(-i\hbar\frac{\partial}{\partial y}\psi) + i\hbar\frac{\partial}{\partial y}(x^2\psi) = -i\hbar x^2\frac{\partial\psi}{\partial y} + x^2 i\hbar\frac{\partial\psi}{\partial y}$

$[\hat{x}^2, \hat{p}_y] = 0$

$[\hat{x}\hat{z}, \hat{p}_x] = \hat{x}\hat{z}(-i\hbar\frac{\partial}{\partial x}) + i\hbar\frac{\partial}{\partial x}\hat{x}\hat{z}$

$[\hat{x}\hat{z}, \hat{p}_x]\psi = xz(-i\hbar\frac{\partial}{\partial x}\psi) + i\hbar\frac{\partial}{\partial x}(xz\psi) = -i\hbar xz\frac{\partial\psi}{\partial x} + i\hbar z\psi + i\hbar xz\frac{\partial\psi}{\partial x}$

$[\hat{x}\hat{z}, \hat{p}_x]\psi = i\hbar z\psi \Longrightarrow [\hat{x}\hat{z}, \hat{p}_x] = i\hbar\hat{z}$