

## Assignment 1 - due March 30th

**Answer 1.** bla bla bla Examples:

(a)  $M|v\rangle$

(b)  $\langle u|v\rangle$

(c)  $\langle u|M|v\rangle$

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**Answer 2.** bla bla bla

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**Answer 3.** bla bla bla

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**Answer 4.** bla bla bla

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**Answer 5.** bla bla bla

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**Answer 6.** bla bla bla

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**Answer 7.** bla bla bla