Quiz 8: Version A

USE YOUR CUBE!

All MOVES are viewed from the FRONT.

1. (5 pts) The move does which of the following?

   (a)   (b)   (c)   (d)   (e) None of these

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2. (5 pts) If $X =$, what is X'?

   (a)   (b)   (c)   (d)   (e) none of these

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3. (5 pts) If $Y =$, what is Y'?

   (a)

   (b)

   (c)

   (d)

   (e) none of these

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4. (5 pts) Now solve the whole UPPER LAYER of your cube and show it to me when you turn in your quiz. (Make sure I mark your score for this problem on your quiz before you leave.) Bonus points for solving the middle layer as well!
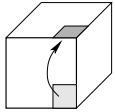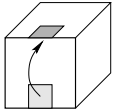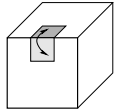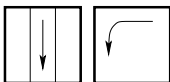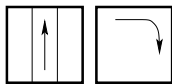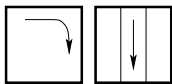
Name: _____ Quiz Score: _____ /20

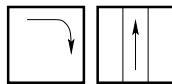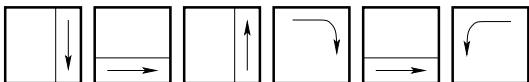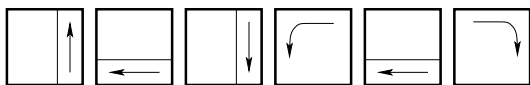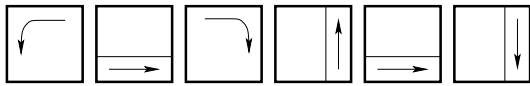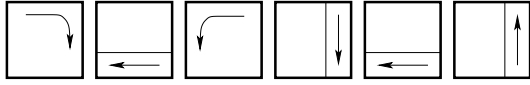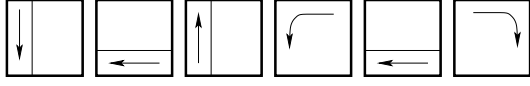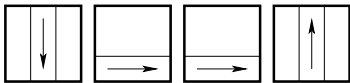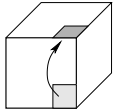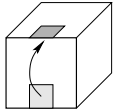## Quiz 8: Version B
USE YOUR CUBE!

All MOVES are viewed from the FRONT.

1. (5 pts) The move [diagram] does which of the following?

   (a) [cube diagram]   (b) [cube diagram]   (c) [cube diagram]   (d) [cube diagram]   (e) None of these

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2. (5 pts) If $X =$ [diagram], what is X'?

   (a) [diagram]   (b) [diagram]   (c) [diagram]   (d) [diagram]   (e) none of these

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3. (5 pts) If $Y =$ [diagram], what is Y'?

   (a) [diagrams]

   (b) [diagrams]

   (c) [diagrams]

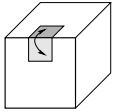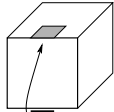   (d) [diagrams]

   (e) none of these

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4. (5 pts) Now solve the whole UPPER LAYER of your cube and show it to me when you turn in your quiz. (Make sure I mark your score for this problem on your quiz before you leave.) Bonus points for 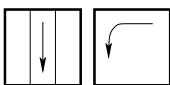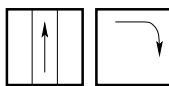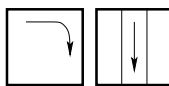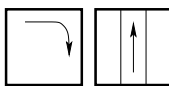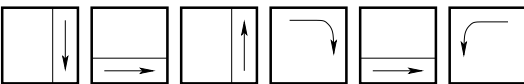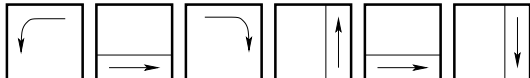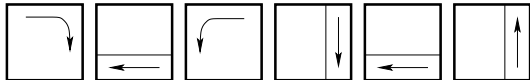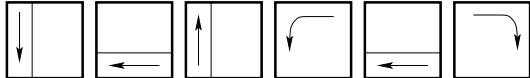solving the middle layer as well!