TsinghuaX: 60240013x Combinatorial Mathematics

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Wiki (/courses/TsinghuaX/60240013x/3T2014/course\_wiki)

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## QUIZ3 (1 point possible)

According to the video, which picture of the bellowing can be set as the password of android phone? (multiple choice)

✓ Picture 1
✓ Picture 2
✓ Picture 3
✓ Picture 4
✓ Picture 5

Picture 6

## **EXPLANATION**

According to the video, the passcode graph must satisfy the following criteria:

- (1) have at least four interconnected points, so picture 4 is not legal
- (2) the graph should be a connected graph, so picture 5 is not legal
- (3) if a line connected two points go through another point, then the point should be used before, thus picture 2 is not legal

As result, picture 1,3,6 are correct answers.

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#### Is the model answer is Incorrect answer?

question posted 3 days ago by **sherifbinsaad** (/courses/TsinghuaX/60240013x/3T2014/discussion/forum/users/5565423)

According to the rules and in particular rule 3 (3) if a line connected two points go through another point, then the point should be used before,...

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