

Tuesday, October 1

Name _____

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6.035 Fall 2019

Miniquiz #16

5 minutes

Macaroni and Spaghetti are two classes that inherit from the superclass Pasta. Pasta has method `cooking_time()`. Spaghetti additionally has the method `length()`.

Which of the following are legal?

- `Pasta p = new Spaghetti(); p.cooking_time();`
- `Pasta p = new Spaghetti(); p.length();`
- `Spaghetti p = new Macaroni(); p.cooking_time();`
- `Pasta p1; Macaroni p2; p2=p1;`
- `Macaroni p = new Macaroni(); p.cooking_time();`
- `Pasta p1; Macaroni p2 = new Macaroni(); p1=p2; Spaghetti p3 = new Spaghetti(); p1=p3;`