**Exercise on Lesson 5**

Unless otherwise instructed in the following problems, state what gets printed.

1. Write code that will create a constant *E* that’s equal to 2.718.

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2. Write the simplest type constant that sets the number of students, *NUM\_STUDENTS*, to 236.

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3. What’s wrong, if anything, with the following code in the *main* method?

final double Area;

Area = 203.49;

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4.

int cnt = 27.2;

System.out.println(cnt);

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5.

double d = 78.1;

int fg = (int)d;

System.out.println(fg);

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6. Is *double f4 = 22;* legal?

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7. The following code stores a 20 in the variable *j*:

double j = 61/3;

What small change can you make to this single line of code to make it produce the “real” answer to the division?

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8. System.out.println( (double)(90/9) );

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