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Instructor: Christina Horton, Jody Fields

Course: MAT1301-14A-1A16-S2

Book: Pirnot: Mathematics All Around,
5e

Assignment: Unit 1 Homework

27. If it is possible, give an example of the following. If it is not possible, explain why it is not possible.

An integer that is not a whole number.

Choose the correct answer below.

- ☐ A. It is possible. An integer that is not a whole number is -2 .
- ☐ B. It is not possible because every integer is a whole number.
- ☐ C. It is not possible because every integer is a real number and every whole number is also a real number.
- ☐ D. It is possible. An integer that is not a whole number is $\sqrt{2}$.

28. If it is possible, give an example of the following. If it is not possible, explain why it is not possible.

A whole number that is not a natural number.

Choose the correct answer below.

- ☐ A. It is possible. A whole number that it not a natural number is 0 .
- ☐ B. It is not possible because every whole number is a natural number.
- ☐ C. It is possible. A whole number that it not a natural number is -2 .
- ☐ D. It is not possible because every whole number is a real number and every natural number is also a real number.