

Math 1300
Homework 18
Section 4.3

1. 4.3.12 Give one factor only.
 - a. Not factorable.
 - b. $(x + 7)$
 - c. $((x + 14))$
 - d. $(x + 9)$
 - e. None of the above.

2. 4.3.14 Give one factor only.
 - a. Not factorable.
 - b. $(x - 1)$
 - c. $(x + 3)$
 - d. $(x + 2)$
 - e. None of the above.

3. 4.3.16 Give one factor only.
 - a. Not factorable.
 - b. $(x - 15)$
 - c. $(x - 5)$
 - d. $(x + 3)$
 - e. None of the above.

4. 4.3.20 Give one factor only.
 - a. Not factorable.
 - b. $(x + 4)$
 - c. $(x - 18)$
 - d. $(x - 3)$
 - e. None of the above.

5. 4.3.24 Give one factor only.
 - a. Not factorable.
 - b. $(x + 9)$
 - c. $(x + 3)$
 - d. $(x + 27)$
 - e. None of the above.

6. 4.3.34
 - a. Not factorable.
 - b. $(4x + 9)(4x - 9)$
 - c. $(x + 9)(x - 9)$
 - d. $(2x - 9)(8x + 9)$
 - e. None of the above.

7. 4.3.40 Give one factor only.

- a. Not factorable.
- b. $(5x + 3)$
- c. $(x + 3)$
- d. $(5x + 6)$
- e. None of the above.

8. 4.3.36 Give one factor only.

- a. Not factorable.
- b. $(3x + 5)$
- c. $(x + 5)$
- d. $(3x + 3)$
- e. None of the above.

9. 4.3.44

- a. Not factorable.
- b. $(8x + 7)(x - 4)$
- c. $(4x - 7)(4x + 1)$
- d. $(4x - 1)(2x + 7)$
- e. None of the above.

10. 4.3.52

- a. Not factorable.
- b. $3x(x + 5)(x - 5)$
- c. $3x(x + 25)$
- d. $25x(x - 3)$
- e. None of the above.