Lesson 3.5 with Answers

Practice 3.5

Factor each expression with two terms.

Basic 1 – 24
Intermediate 25 – 32
Advanced 33

1. \(2x + 8\) \(2(x + 4)\)
2. \(5a + 5\) \(5(a + 1)\)
3. \(3x - 12\) \(3(x - 4)\)
4. \(4x - 16\) \(4(x - 4)\)
5. \(2x + 8y\) \(2(x + 4y)\)
6. \(7a + 7b\) \(7(a + b)\)
7. \(5p + 15q\) \(5(p + 3q)\)
8. \(14w + 49m\) \(7(2w + 7m)\)
9. \(4j - 16k\) \(4(j - 4k)\)
10. \(8t - 32u\) \(8(t - 4u)\)
11. \(2a - 10p\) \(2(a - 5p)\)
12. \(9h - 45f\) \(9(h - 5f)\)

49m + 14w = 7(7m + 2w)

\(2(4t - 16u)\)

Wrong - not factored completely
2 is not the GCF