Introduction to factoring with numbers: Worksheet 11.3

Name Date Score

- 1. Factor out a common factor of 5 from 35.
- 2. Factor out a common factor of 3 from 33.
- 3. Factor out a common factor of 7 from 77.
- 4. Factor out a common factor of 4 from 44.
- 5. Factor out a common factor of 2 from 18.
- 6. Given a number 64
 - (i) Factor out a common factor of 2
 - (ii) Factor out a common factor of 4
- 7. Given a number 99
 - (i) Factor out a common factor of 3
 - (ii) Factor out a common factor of 9
- 8. Given a number 75, factor out a common factor of 5
- 9. Given a number 58, factor out a common factor of 2
- 10. Given a number 93, factor out a common factor of 3



Solutions: Worksheet 11.3

- 1. 5(6 + 1)
- 2. 3(10 + 1)
- 3. 7(10 + 1)
- 4. 4(10 + 1)
- 5. 2(5 + 4)
- 6. (i) 2(30 + 2) (ii) 4(15 + 1)
- 7. (i) 3(30 + 3) (ii) 9(10 + 1)
- 8. 5(14 + 1)
- 9. 2(25 + 4)
- 10. 3(30 + 1)

