Introduction to factoring with numbers: Worksheet 11.2

Na	me Date	Score
1.	Factor out a common factor of 5 from 45.	
2.	Factor out a common factor of 3 from 93.	
3.	Factor out a common factor of 6 from 66.	
4.	Factor out a common factor of 8 from 88.	
5.	Factor out a common factor of 2 from 34.	
6.	Given a number 28 (i) Factor out a common factor of 2 (ii) Factor out a common factor of 4	
7.	Given a number 44 (i) Factor out a common factor of 2 (ii) Factor out a common factor of 4	
8.	Given a number 66 (i) Factor out a common factor of 2 (ii) Factor out a common factor of 3	
9.	Given a number 68 (i) Factor out a common factor of 2 (ii) Factor out a common factor of 4	

10. Given a number 36

(i) Factor out a common factor of 3(ii) Factor out a common factor of 6



Solutions: Worksheet 11.2

1.
$$5(8 + 1)$$

$$2. \ \ 3(30+1)$$

3.
$$6(10 + 1)$$

4.
$$8(10 + 1)$$

6. (i)
$$2(10 + 4)$$
 (ii) $4(5 + 2)$

7. (i)
$$2(20 + 2)$$
 (ii) $4(10 + 1)$

8. (i)
$$2(30 + 3)$$
 (ii) $3(20 + 2)$

9. (i)
$$2(30 + 4)$$
 (ii) $4(15 + 2)$

10. (i)
$$3(10 + 2)$$
 (ii) $6(5 + 1)$