

## Factoring a sum or difference of whole numbers: Worksheet 12.1

Name ..... Date ..... Score .....

1. Factor out the g. c. f. from the sum of whole numbers  $(39 + 65)$
2. Factor out 6 from the difference of whole numbers  $(102 - 78)$
3. Factor out the g. c. f. from the sum of whole numbers  $(34 + 85)$
4. Factor out 8 from the sum of whole numbers  $(16 + 48)$
5. Factor out g. c. f from the difference of whole numbers  $(144 - 96)$
6. Factor out 7 from the difference of whole numbers  $(147 - 49)$
7. Factor out the g. c. f. from the sum of whole numbers  $(18 + 90)$
8. Factor out 11 from the difference of whole numbers  $(121 - 77)$
9. Factor out g. c. f from the difference of whole numbers  $(153 - 119)$
10. Factor out 6 from the sum of whole numbers  $(126 + 162)$



## Solutions: Worksheet 12.1

1.  $13(3 + 5)$

2.  $6(17 - 13)$

3.  $17(2 + 5)$

4.  $8(2 + 6)$

5.  $12(12 - 8)$

6.  $7(21 - 7)$

7.  $18(1 + 5)$

8.  $11(11 - 7)$

9.  $17(9 - 7)$

10.  $6(21 + 27)$

