

Name _____

Solve the problem.

- 1) The sum of two numbers is -6 . Five times the first number equals 3 times the second number. Find the two numbers.
- 2) The sum of two numbers is 5. Five times the first number equals 2 times the second number. Find the two numbers.
- 3) The sum of two numbers is -1 . Three times the first number equals 2 times the second number. Find the two numbers.
- 4) The sum of two numbers is -1 . Two times the first number equals 3 times the second number. Find the two numbers.
- 5) Two numbers total -10 , and their difference is 6. Find the two numbers.
- 6) Two numbers total -2 , and their difference is 12. Find the two numbers.
- 7) Two numbers total 12, and their difference is 20. Find the two numbers.
- 8) Two numbers total 2, and their difference is 16. Find the two numbers.
- 9) One number is four more than a second number. Two times the first number is 8 more than four times the second number.
- 10) One number is four more than a second number. Two times the first number is 2 more than four times the second number.
- 11) One number is four more than a second number. Two times the first number is 6 more than four times the second number.
- 12) One number is four more than a second number. Two times the first number is 10 more than four times the second number.
- 13) The sum of two numbers is -3 . Five times the first number equals 3 times the second number. Find the two numbers.
- 14) One number is four more than a second number. Two times the first number is 4 more than four times the second number.
- 15) Two numbers total 8, and their difference is 12. Find the two numbers.
- 16) Two numbers total -8 , and their difference is 12. Find the two numbers.

Answer Key

Testname: CH04WORKSHEETV01

1) $-\frac{9}{4}$ and $-\frac{15}{4}$

2) $\frac{10}{7}$ and $\frac{25}{7}$

3) $-\frac{2}{5}$ and $-\frac{3}{5}$

4) $-\frac{3}{5}$ and $-\frac{2}{5}$

5) -2 and -8

6) 5 and -7

7) 16 and -4

8) 9 and -7

9) 4 and 0

10) 7 and 3

11) 5 and 1

12) 3 and -1

13) $-\frac{9}{8}$ and $-\frac{15}{8}$

14) 6 and 2

15) 10 and -2

16) 2 and -10