

An Algebra Cross-Number Puzzle

Name: _____ Class: _____

Complete the cross-number puzzle by finding the value of each of the variables from **a** to **g**.

Each letter has a different value.

The heavy lines show where each number answer starts and stops.

Across

1. bd

3. a^5

6. $13g$

7. $(ab)^2$

8. $48b^2$

11. d^2

13. acf

14. e^2

15. a^3d

Down

2. f^2

3. bg

4. $a^4 + d$

5. $d^2 - b$

6. ab^2

9. $(b + f)^2$

10. ce

11. abe

12. ef

13. ad

1	2	3	4	5
6			7	
	8		9	10
11	12	13		
	14		15	

Answers and Working Space

a = _____

b = _____

c = _____

d = _____

e = _____

f = _____

g = _____