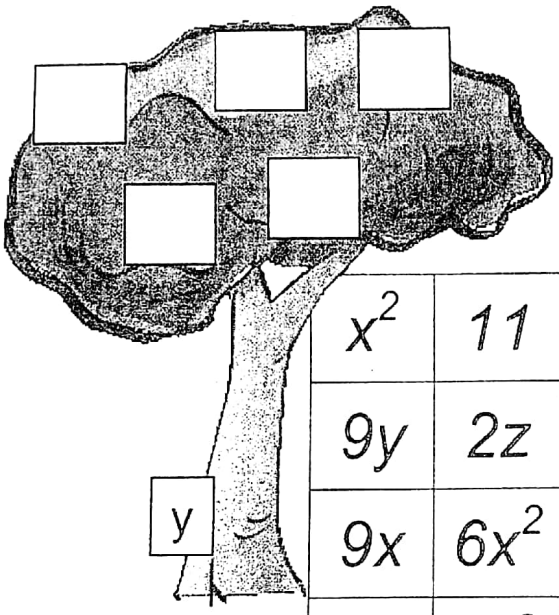
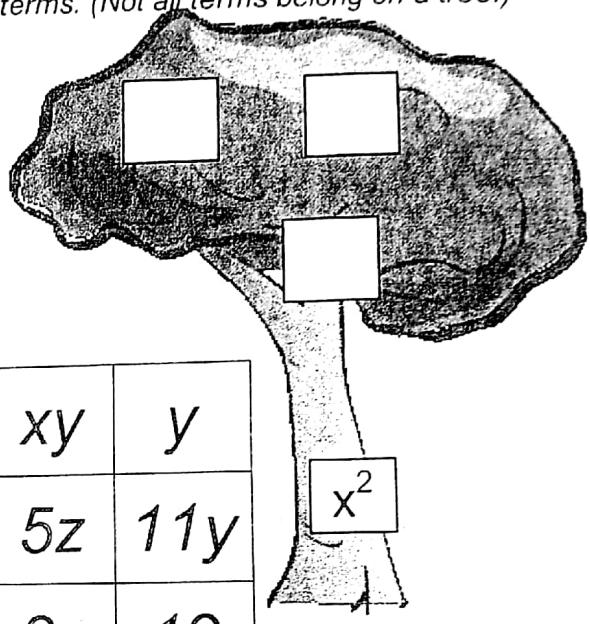
Name _____ Date _____

Enrichment Activity 1

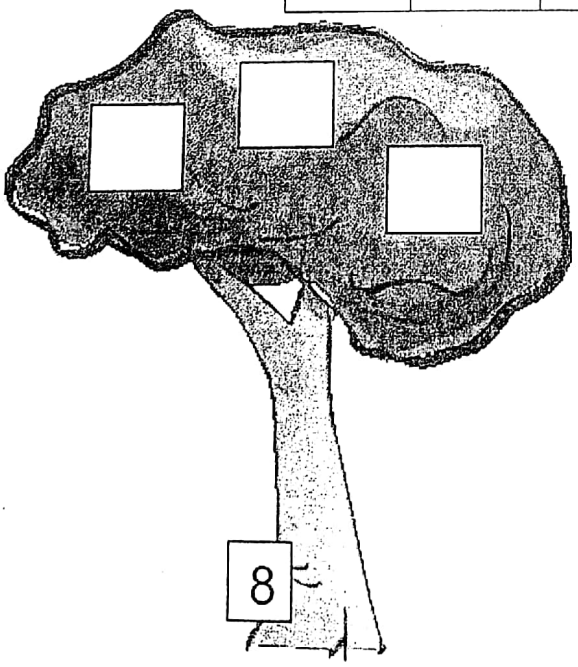
Combining Like Terms

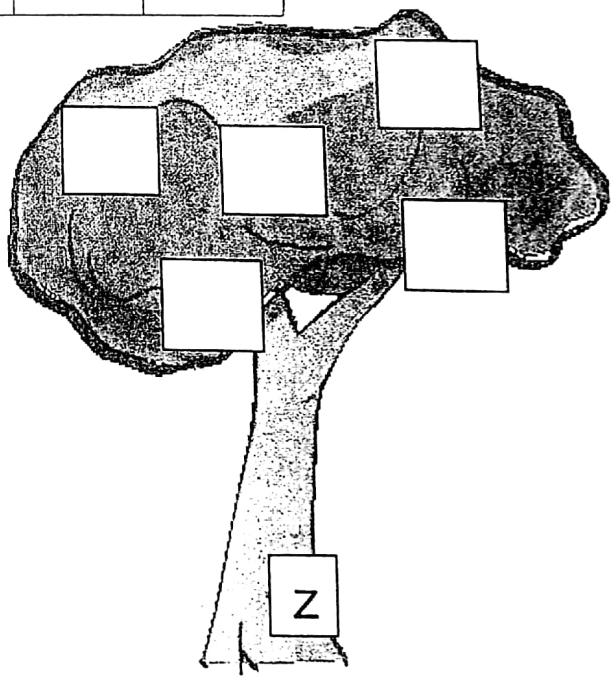
Have you ever heard the phrase "you can't compare apples and oranges?" Place each of the terms below on the proper "tree" that contains like terms. (Not all terms belong on a tree!)





x^2	11	4z	xy	y
9y	2z	$2y^3$	5z	11y
9x	$6x^2$	9y	2z	19
7	$-x^2$	3y	2x	7z





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Combining Like Terms

Name:

Date: Per:

Favorite Fruit:

Simplify by combining like terms.

1. 5 apples, 6 bananas, apple, 2 bananas, 4 apples

2. 6 melons, 2 nectarines, 4 grapes, melon, nectarine, 3 grapes

3. 2 plums, 2 tangerines, plum, tangerine, 3 plums, 4 tangerines

4. $6a + 2b - a + 5b$

5. $7x + 12x - 5x + 2y + 7y$

6. $8x + 2y + 8z - 4x + 3y$

7. $12m - m - m - m - m$

8. $w + 2w + 3w + 4w$

9. $7a + 2b + a - b$

10. $3n + 3 - n + 6$

11. $8y - 6y + 8w + 4y - w$

12. $19 + 5u - 2u - 10$

13. $7x + 3y + 2z$

14. $4f - f + f - f$

15. $9h - h + 2 + 3h + 10 + h$

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