

Algebra 1 8.4

Find squares of sums and differences

Find the product of a sum and a difference

Find GCF*

* 6th grade standard

sum

difference

product

EWE

difference of squares

	12	15
	1, 12	1, 15
	2, 6	3, 5
	3, 4	

matching activity

triangle puzzle

whiteboards

X-factor

25	80
125	1 80
5 5	2 40
	4 20
	5 16
	8 10

Matching activity (partners)

Shotgun start

Check with me when finished

What is GCF?

The biggest term that is a factor of both

25

45

$$\text{GCF} = 5$$

58

24

$$\text{GCF} = 2$$

30 xy^2

20 x^2y

$$10xy$$

58
1 58
② 29

24
1 24
② 12
3 8
4 6

~~30~~ xy
1 30
2 15
3 ⑩
5 6

$20a^2b$
1 20 aab
2 10
4 ⑤

$35ab^2$
1 35 abb
⑤ 7

5ab

