

## 7.1 - Identify GCF

Date \_\_\_\_\_ Period \_\_\_\_\_

**List all positive factors of each.**

1) 40

Which of those factors subtract to 39?

2) 69

Which of those factors add to 26?

3) 46

Which of those factors add to 25?

4) 40

Which of those factors subtract to 18?

5) 38

6) 48

Which of those factors subtract to 8?

**Find the GCF of each.**

7) 32, 8

8) 38, 32

9) 6, 50

10) 16, 24

11) 40, 35

12) 50, 40

13)  $48, 24$

14)  $40, 25$

15)  $40x, 50yx$

16)  $42a^2b^2, 40a^3b$

17)  $44x^4, 20x^2$

18)  $16y, 32y$

19)  $24, 48xy$

20)  $21xy, 14x$

21)  $20mn, 30m^2n$

22)  $18a^3b, 30a^3$

23)  $42y^2, 40xy^2, 22y^2$

24)  $14xy, 42, 35x$

25)  $42x, 48xy, 30$

26)  $16u^3, 24vu, 40u^3$

27)  $44xy, 22xy^2, 33y$

28)  $30, 50y^2, 20x$

## 7.1 - Identify GCF

Date \_\_\_\_\_ Period \_\_\_\_\_

**List all positive factors of each.**

1) 40

Which of those factors subtract to 39?

1, 2, 4, 5, 8, 10, 20, 40 {40 &amp; 1}

2) 69

Which of those factors add to 26?

1, 3, 23, 69  
{3,23}

3) 46

Which of those factors add to 25?

1, 2, 23, 46 {2,23}

4) 40

Which of those factors subtract to 18?

1, 2, 4, 5, 8, 10, 20, 40  
{2,20}

5) 38

1, 2, 19, 38

6) 48

Which of those factors subtract to 8?

1, 2, 3, 4, 6, 8, 12, 16, 24, 48 {12, 4}

**Find the GCF of each.**

7) 32, 8

8

8) 38, 32

2

9) 6, 50

2

10) 16, 24

8

11) 40, 35

5

12) 50, 40

10

13)  $48, 24$

$24$

14)  $40, 25$

$5$

15)  $40x, 50yx$

$10x$

16)  $42a^2b^2, 40a^3b$

$2a^2b$

17)  $44x^4, 20x^2$

$4x^2$

18)  $16y, 32y$

$16y$

19)  $24, 48xy$

$24$

20)  $21xy, 14x$

$7x$

21)  $20mn, 30m^2n$

$10mn$

22)  $18a^3b, 30a^3$

$6a^3$

23)  $42y^2, 40xy^2, 22y^2$

$2y^2$

24)  $14xy, 42, 35x$

$7$

25)  $42x, 48xy, 30$

$6$

26)  $16u^3, 24vu, 40u^3$

$8u$

27)  $44xy, 22xy^2, 33y$

$11y$

28)  $30, 50y^2, 20x$

$10$