

**Math 6 - Unit 3: Expressions**

Name: \_\_\_\_\_

*Factoring with the Distributive Property Practice #1*

Class Period: 1 2 3 4 Date: \_\_\_\_\_

Use the distributive property and the greatest common factor to factor the following problems. Be sure to show all your work.

1.  $55v + 77$

2.  $27y + 90$

3.  $63u + 28$

4.  $50 + 90n$

5.  $35 + 55m$

6.  $36w + 40$

7.  $32 + 20n$

8.  $48g + 54$

9.  $72 + 40u$

10.  $16y + 16$

11.  $45 + 54b$

12.  $44 + 36y$

13.  $6y + 27$

14.  $15 + 12c$

15.  $66u + 21$

16.  $44 + 36q$

17.  $77r + 33$

18.  $99p + 121$

19.  $54 + 48w$

20.  $54x + 99$

21.  $30 + 72b$

22.  $40 + 55x$

23.  $45 + 72d$

24.  $12 + 21p$

**Math 6 - Unit 3: Expressions**

Name: \_\_\_\_\_

*Factoring with the Distributive Property Practice #2*

Class Period: 1 2 3 4 Date: \_\_\_\_\_

Use the distributive property and the greatest common factor to factor the following problems. Be sure to show all your work.

1.  $56z + 80$

2.  $28p + 24$

3.  $110x + 20$

4.  $30t + 50$

5.  $36k + 33$

6.  $25n + 45$

7.  $18 + 30b$

8.  $110 + 80x$

9.  $36 + 40x$

10.  $72 + 27w$

11.  $32 + 36k$

12.  $21w + 70$

13.  $42 + 66m$

14.  $18w + 10$

15.  $16 + 6z$

16.  $33 + 24r$

17.  $14a + 24$

18.  $99r + 108$

19.  $6 + 8a$

20.  $50 + 80r$

21.  $21 + 77m$

22.  $35 + 49x$

23.  $96g + 84$

24.  $18 + 42c$

**Math 6 - Unit 3: Expressions**

Name: \_\_\_\_\_

*Factoring with the Distributive Property Practice #1***ANSWER KEY**

Class Period: 1 2 3 4 Date: \_\_\_\_\_

Use the distributive property and the greatest common factor to factor the following problems. Be sure to show all your work.

1.  $55v + 77$   **$11(5v + 7)$**

2.  $27y + 90$   **$9(3y + 10)$**

3.  $63u + 28$   **$7(9u + 4)$**

4.  $50 + 90n$   **$10(5 + 9n)$**

5.  $35 + 55m$   **$5(7 + 11m)$**

6.  $36w + 40$   **$4(9w + 10)$**

7.  $32 + 20n$   **$4(8 + 5n)$**

8.  $48g + 54$   **$6(8g + 9)$**

9.  $72 + 40u$   **$8(9 + 5u)$**

10.  $16y + 16$   **$16(y + 1)$**

11.  $45 + 54b$   **$9(5 + 6b)$**

12.  $44 + 36y$   **$4(11 + 9y)$**

13.  $6y + 27$   **$3(2y + 9)$**

14.  $15 + 12c$   **$3(5 + 4c)$**

15.  $66u + 21$   **$3(22u + 7)$**

16.  $44 + 36q$   **$4(11 + 9q)$**

17.  $77r + 33$   **$11(7r + 3)$**

18.  $99p + 121$   **$11(9p + 11)$**

19.  $54 + 48w$   **$6(9 + 8w)$**

20.  $54x + 99$   **$9(6x + 11)$**

21.  $30 + 72b$   **$6(5 + 12b)$**

22.  $40 + 55x$   **$5(8 + 11x)$**

23.  $45 + 72d$   **$9(5 + 8d)$**

24.  $12 + 21p$   **$3(4 + 7p)$**

**Math 6 - Unit 3: Expressions**

Name: \_\_\_\_\_

*Factoring with the Distributive Property Practice #2***ANSWER KEY**

Class Period: 1 2 3 4 Date: \_\_\_\_\_

Use the distributive property and the greatest common factor to factor the following problems. Be sure to show all your work.

1.  $56z + 80$   **$8(7z + 10)$**

2.  $28p + 24$   **$4(7p + 6)$**

3.  $110x + 20$   **$10(11x + 2)$**

4.  $30t + 50$   **$10(3t + 5)$**

5.  $36k + 33$   **$3(12k + 11)$**

6.  $25n + 45$   **$5(5n + 9)$**

7.  $18 + 30b$   **$6(2 + 5b)$**

8.  $110 + 80x$   **$10(11 + 8x)$**

9.  $36 + 40x$   **$8(4 + 5x)$**

10.  $72 + 27w$   **$9(8 + 3w)$**

11.  $32 + 36k$   **$4(8 + 9k)$**

12.  $21w + 70$   **$7(3w + 10)$**

13.  $42 + 66m$   **$6(7 + 11m)$**

14.  $18w + 10$   **$2(9w + 5)$**

15.  $16 + 6z$   **$2(8 + 3z)$**

16.  $33 + 24r$   **$3(11 + 8r)$**

17.  $14a + 24$   **$2(7a + 6)$**

18.  $99r + 108$   **$9(11r + 12)$**

19.  $6 + 8a$   **$2(3 + 4a)$**

20.  $50 + 80r$   **$10(5 + 8r)$**

21.  $21 + 77m$   **$7(3 + 11m)$**

22.  $35 + 49x$   **$7(5 + 7x)$**

23.  $96g + 84$   **$12(8g + 7)$**

24.  $18 + 42c$   **$6(3 + 7c)$**