Complete 2 pages (page 203 & 204) within 15 minutes with > 95% accuracy.

Time Taken: ....   Total Score: ....

Level 7
Unit 24.1
Adding and Subtracting
Algebraic Expressions Part I

1. Simplify the expressions as shown below.

> Example: $4x + 2x = 6x$ $3x - 2x = x$
> $7a - 3a = 4a$ $x - 2x = -x$
> Note: We write 1x and 1a as x and a.
>   Similarly, -1x and -1a as -x and -a.

a. $3x + 5x = 8 \square$

b. $5y + y = \square\,y$

c. $8n - 3n =$

d. $9a + 2a =$

e. $3x + 6x - 4x =$

f. $\dfrac{3}{5}a - \dfrac{2}{5}a =$

g. $\dfrac{2}{3}a - \dfrac{1}{3}a =$

h. $6x + 4x - x =$

i. $\dfrac{4}{7}a + \dfrac{2}{7}a =$

j. $6x - 0 =$

k. $0 - 2x =$

l. $-3a + 2a =$

m. $-\dfrac{3}{8}x + \dfrac{5}{8}x =$

n. $6a - 4a =$

o. $7a + a =$

p. $5x - x =$

q. $-3x + 4x =$

r. $-5a + 4a =$

s. $-x + 2x =$

t. $-x + x = 0$

u. $a - \dfrac{1}{3}a =$

v. $2x - \dfrac{1}{5}x =$

w. $\dfrac{2}{3}x - \dfrac{2}{3}x =$

x. $\dfrac{3}{4}y + \dfrac{1}{4}y =$

y. $x + x + 2x =$

z. $a - 2a + 4a =$

Level 7
Unit 24.2   **Adding and Subtracting Algebraic Expressions Part II**

2. Simplify the expressions below.

> Example: 8 - 3x - 4 = -3x + 4
> -4 - 2x - 2 = -2x - 6
> 5x + 3x + 4 - 2 = 8x + 2

a. 5x + 3 + 4

k. 7x + 4x + 5 + 2

b. 5x + 4 - 3

l. 7x - 4x + 5 - 2

c. 5x - 4 + 3

m. -7x + 4x - 5 - 1

d. -5x - 4 - 3

n. -7x - 4x - 5 + 1

e. 6 + 3x + 2

o. 7x + 5 + 4x + 1

f. 6 - 3x + 2

p. 7x + 5 - 4x - 1

g. -6 + 3x - 2

q. 7x - 5 + 4x + 1

h. -6 - 3x + 2

r. -7x + 5 - 4x - 1

i. -6 - 3x - 2

s. -7x - 5 - 4x - 1

j. -7 + 3x - 6

t. 5x - 4 - 3x + 2