

p. 300 Algebra

Sept 28

1. $a+b$ two terms

2. $2s+t-5$ three terms

→ A term is any combination of numbers and/or letters separated by adding, subtracting or dividing signs.

3. $x^2 - x + 4$

3 terms

4. $jkl + mn$

2 terms

5. $2y + 1$ ← constant

↓
Coefficient — the number in
front of the letter

6. $1n - 4$ ← constant

↑
Coefficient

1

7. $3x^2 - 2x + 5$ - constant

$\searrow \quad \swarrow$
coefficients

8. $3 + w - 5w^4$

constant: 3 coefficients: 1, 5

Simplify

9. $3x + 5x$ like terms
 $= 8x$ add coefficients

13. $6r + 4r - 1r$
 $= 10r - 1r$
 $= 9r$

19.

$$3t + 5a - 2t$$

$$= t + 5a$$

25.

$$5c + d - 2c - d$$

$$= 3c$$

27.

$$\frac{(3j+k)(-5j-2k)}{}$$

$$= -2j - 1k$$

31.

$$\frac{(5x+10)(-3x+1)}{}$$

$$= -2x + 5y + 11$$

$$\frac{29}{1} \frac{33}{1} \frac{39}{1}$$