

## Unit 4 Test: Polynomial Expressions and Equations



The test answer keys provide answers only.

Worked solutions for these problems are located in the Digital Pack.

1)

A)  $3x^2 + \frac{37}{2}x + 21\text{ft}^2$

B)  $l = 2x + 3, w = x + 5$

C)  $P = L + 2w + 2 \text{ slant height}$   
 $P = 6x + 15\text{ft}$

D)  $x = -\frac{8}{5}, 3$

2) B

3) C

4) C

5) B

6) A

7) D

8) C

9) C

10) A

11) B

12) B

13) C

14) D

15) D

16) C

17) D

18) A

19) D

20) B

21) C

22) A

23)

2

$(5y + 2)$

$(25y - 4)$

$(5y - 2)$

24)

-6

-5

5

6

25)

binomial

trinomial

linear

quadratic

constant