

(d) $-6x + 2.5 + 8x + 1.2 = 30.9$

(e) $11 = 8x + 10 - 5x + 5$

(f) $4x + 20 + 2x + 34 = -27$

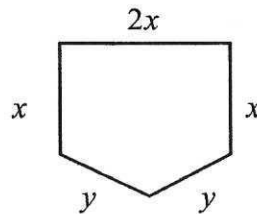
5. The home plate in baseball has the shape of a pentagon, a five-sided figure. The sides are marked as shown in the figure with the linear variables x and y . Which of the following represents the perimeter of this pentagon?

(1) $6xy$

(3) $2x + 3y$

(2) $3x + 2y$

(4) $4x + 2y$



Reasoning

6. Justify each of the following steps with a real number property.

(1) $12x + 2y + 4x + 3y = 12x + 4x + 2y + 3y$

(1) _____

(2) $= (12 + 4)x + (2 + 3)y$

(2) _____

$= 16x + 5y$

(3) _____