**Expanding Two Sets of Brackets**

Expand and simplify

(a) $2\left(x+4\right)+5\left(x+3\right)$

(b) $3\left(x+5\right)+2\left(x+1\right)$

(c) $5\left(x+7\right)+3\left(x+2\right)$

(d) $6\left(x+1\right)+4\left(x+3\right)$

(e) $2\left(2x+3\right)+4\left(3x+5\right)$

Expand and simplify

(a) $3\left(x+9\right)+6\left(x-2\right)$

(b) $5\left(x-2\right)+3\left(x+4\right)$

(c) $2\left(x+8\right)+4\left(x-1\right)$

(d) $6\left(x+3\right)+2\left(x-4\right)$

(e) $3\left(2x+5\right)+2\left(x-3\right)$

Expand and simplify

(a) $5\left(x+5\right)-2\left(x+3\right)$

(b) $6\left(x-1\right)-3\left(x+2\right)$

(c) $4\left(x+7\right)-2\left(x+5\right)$

(d) $3\left(x-1\right)-2\left(x+4\right)$

(e) $5\left(2x+3\right)-4\left(x+2\right)$

Expand and simplify

(a) $3\left(x+10\right)-2\left(x-4\right)$

(b) $5\left(x+4\right)-4\left(x-1\right)$

(c) $7\left(x+5\right)-3\left(x-2\right)$

(d) $6\left(x-3\right)-2\left(x-4\right)$

(e) $3\left(2x-7\right)-2\left(x-2\right)$

When two sets of single brackets are added the result is $7x-5$. What could the two sets of brackets have been?

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