$\qquad$ Date $\qquad$ Period $\qquad$

## Part A: Solving Equations

|  | Solve. Justify by indicating the property used at each step. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | $-4 x+1=17$ | Justification: | 2. | $5 x-18=32$ | Justification: |
| 3. | $-7 x+4=2 x-14$ | Justification: | 4. | $4(x+2)=-16$ | Justification: |
| 5. | $-2(3 x-6)=6$ | Justification: | 6. | $5+2(x-5)=3 x-2$ | Justification: |
| 7. | $-(x+5)-2 x=61$ | Justification: | 8. | $x+\frac{3}{2}=\frac{5}{4}$ | Justification: |
| 9. | $\frac{1}{2}(4 x+8)=18$ | Justification: | 10. | $\frac{1}{3} x+17=31$ | Justification: |

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