# Assignment 1 Solutions 

September 26, 2017
(2)

| Numbers of Voters | 4 | 5 | 6 | 2 |
| :---: | :---: | :---: | :---: | :---: |
| 1st | A | B | C | A |
| 2nd | D | C | A | C |
| 3rd | B | D | D | D |
| 4th | C | A | B | B |

(8) (a) 1160 (b) 581 (c) A
(12) (a) D (b) $\mathrm{D}, \mathrm{A}, \mathrm{B}, \mathrm{C}$
(22) (a) C (b) C,A,B,D
(32) (a) B (b) B,D,A,C
(42) (a) C (b) C,A,B,D
(52) The winner under plurality-with-elimination is B . The Condorcet candidate is C .
(61) [in the back]

