## APSS Expert Responses

| Question | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Expert <br> Answer | D | D | A | D | A | D |
| \% <br> Dissenting | 0 | 16 | 8 | 12 | 8 | 0 |


| Question | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | $\mathbf{1 3}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Expert <br> Answer | A | D | A | D | A | D | A |
| \% <br> Dissenting | 4 | 20 | 0 | 12 | 12 | 20 | 4 |


| Question | $\mathbf{1 4}$ | $\mathbf{1 5}$ | $\mathbf{1 6}$ | $\mathbf{1 7}$ | $\mathbf{1 8}$ | $\mathbf{1 9}$ | $\mathbf{2 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Expert <br> Answer | D | D | D | D | A | A | A |
| \% <br> Dissenting | 0 | 0 | 16 | 12 | 4 | 12 | 4 |

Table 1: Expert consensus answers to the survey questions. "A" denotes agree (including strongly agree) and " $D$ " denotes disagree (including strongly disagree). The percentage of experts giving dissenting opinions is noted.

From K. Cummings, S. Lockwood, and J. Marx, Attitudes Toward Problem Solving as Predictors of Student Success, presented at the Physics Education Research Conference 2003, Madison, WI, 2003.

