

Sound has

	Amy	Ben	Cai	Dee	Sign	Arithmetic	Extraneous	Missed one
2 2 $x^2 - 10x + 7 = 0$	x	✓	x	x	✓	x	x	x
2 1 $\frac{x^2 - 5x + 6}{x^2 + 2x - 8} = 0$	x	x		✓	x	x	✓	x
1 2 $e^x - 2 = \frac{x}{10}$	x	x	✓		x	x	x	✓
1 1 $\begin{matrix} 10x + 20y = -3 \\ 5x + 8y = 1 \end{matrix}$	✓	x	x	x	x	✓	x	x
Sign	x	✓	x	x				
Arithmetic	✓	x	x	x				
Extraneous	x	x		✓				
Missed one	x	x	✓					

Your solution:

Problem	Student	Which type of mistake
$x^2 - 10x + 7 = 0$	Ben	Sign
$\frac{x^2 - 5x + 6}{x^2 + 2x - 8} = 0$	Dee	Extraneous
$e^x - 2 = \frac{x}{10}$	Cai	Missed one
$\begin{matrix} 10x + 20y = -3 \\ 5x + 8y = 1 \end{matrix}$	Amy	Arithmetic