

Clicker Slides Math 35100

August 31, 2011

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Clicker: Channel 51

ResponseWare Session ID: MA35100

Data From Monday

Registered	Registered	Unregistered
Present	Absent	Present
57172 <i>E</i>	1001038 <i>E</i>	1886 <i>D</i>
0500 <i>D</i> 6	57163 <i>A</i>	27 <i>FF</i> 56
57172 <i>C</i>	279 <i>B</i> 25	530 <i>B</i> 1
57174 <i>D</i>	025 <i>A</i> 0 <i>B</i>	5716 <i>C</i> 3
57165 <i>D</i>	1001038 <i>C</i>	5716 <i>E</i> 8
278 <i>AEB</i>	571600000000	4 <i>ADD</i> 1
72764	10010455	
0530 <i>B</i> 1		
5716 <i>F</i> 7		
571692		

Question 1: Let $P = \begin{pmatrix} 2 & 1 \\ 5 & 3 \end{pmatrix}$ and let $Q = \begin{pmatrix} 3 & -1 \\ -5 & 2 \end{pmatrix}$

Are P and Q inverses of each other?

A. YES

B. NO

Question 2: Consider the system

$$\begin{cases} x + y - z = -2 \\ 3y + z = 0 \\ 2z = 6 \end{cases}$$

What is the value of x ?

A. 1 **B.** 2 **C.** 3 **D.** 4 **E.** 5

F. 6 **G.** 7 **H.** 8 **I.** 9 **J.** 0