

Name \_\_\_\_\_ Math 1a Law worksheet

Date \_\_\_\_\_



21. Find the  $\partial$  for the matrix below, given the following matrices and subsequent  $\partial$  values:  
 $P_1 \text{ (top)} \rightarrow P_2 \text{ (top)} \rightarrow P_3 \text{ (top)}$

$$\begin{array}{l} P_1 \text{ (top)} = M_1 \text{ (top)} \rightarrow M_2 \text{ (top)} \quad \partial = -\partial \text{ (top)} \\ M_2 \text{ (top)} \rightarrow M_3 \text{ (top)} = M_4 \text{ (top)} \quad \partial = -\partial \text{ (top)} \\ \text{answer} = \partial \text{ (top)} \end{array}$$

22. Find the  $\partial$  for the matrix below, given the following matrices and subsequent  $\partial$  values:  
 $C_1 \text{ (top)} \rightarrow C_2 \text{ (top)} \rightarrow C_3 \text{ (top)} \rightarrow C_4 \text{ (top)}$

$$\begin{array}{l} C_1 \text{ (top)} = C_2 \text{ (top)} \rightarrow C_3 \text{ (top)} \quad \partial = -\partial \text{ (top)} \\ C_3 \text{ (top)} \rightarrow C_4 \text{ (top)} = C_5 \text{ (top)} \quad \partial = -\partial \text{ (top)} \\ C_4 \text{ (top)} = C_5 \text{ (top)} \rightarrow C_6 \text{ (top)} = C_7 \text{ (top)} \quad \partial = -\partial \text{ (top)} \\ \text{answer} = \partial \text{ (top)} \end{array}$$

23. Find the  $\partial$  for the matrix below, given the following matrices and subsequent  $\partial$  values:  
 $M_1 \text{ (top)} \rightarrow M_2 \text{ (top)} \rightarrow M_3 \text{ (top)}$

$$\begin{array}{l} M_1 \text{ (top)} = M_2 \text{ (top)} \rightarrow M_3 \text{ (top)} = M_4 \text{ (top)} \quad \partial = -\partial \text{ (top)} \\ M_4 \text{ (top)} = M_5 \text{ (top)} \rightarrow M_6 \text{ (top)} \quad \partial = -\partial \text{ (top)} \\ M_5 \text{ (top)} \rightarrow M_6 \text{ (top)} = M_7 \text{ (top)} \quad \partial = -\partial \text{ (top)} \\ \text{answer} = \partial \text{ (top)} \end{array}$$

24. Find the  $\partial$  for the matrix below, given the following matrices and subsequent  $\partial$  values:  
 $M_1 \text{ (top)} \rightarrow M_2 \text{ (top)} \rightarrow M_3 \text{ (top)}$

$$\begin{array}{l} M_1 \text{ (top)} = M_2 \text{ (top)} \rightarrow M_3 \text{ (top)} \quad \partial = -\partial \text{ (top)} \\ M_3 \text{ (top)} = M_4 \text{ (top)} \rightarrow M_5 \text{ (top)} = M_6 \text{ (top)} \quad \partial = -\partial \text{ (top)} \\ M_6 \text{ (top)} \rightarrow M_7 \text{ (top)} \quad \partial = -\partial \text{ (top)} \\ \text{answer} = \partial \text{ (top)} \end{array}$$