

QUIZ October 14, 2013

Clicker Instructions: A = True; B = False;

C = I don't know; D = No truth value

correct = 1pt; don't know = 0pt; wrong = 0pt

1. The matrix

$$\begin{bmatrix} 0 & 4 & 7 \\ 0 & 1 & 2 \\ 2 & 0 & 4 \end{bmatrix}$$

has determinant 2.

2. The matrix

$$\begin{bmatrix} 3 & 4 & 7 \\ 0 & 1 & 2 \\ 0 & 0 & 4 \end{bmatrix}$$

has determinant 8.

3. Suppose M is a 2×2 matrix. Then

$$\det(5M) = 5 \det(M).$$