

## 180824 MAT223 Intro

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## Lin Alg in the d-y

$$\begin{pmatrix} 2 & 3 & -7 \\ 5 & 3 & 2 \\ 7 & -1 & 4 \\ 6 & 2 & 0 \end{pmatrix}$$

Questions to ask  
about matrices  
and algorithms to  
answer them efficiently.

\* changes of basis.

\* take a selfie & explain

\* make a call & explain

\* Medical imaging

\* Everything is linear in small scale

\* Physical sciences

\* Economy.

133

221

185/8

233/4

246/247