Angela b
Audrey
2-6-22 Math 2018 December BOS

56)

| 1-20 | 1-20 | 1-20 | 1-20 | 1-20 |

100 cards total

$P(blue) = 20/100$

$P(17) = 5/100$

$P(blue \ OR \ 17) = 24/100$

because one card is blue AND 17
so do 25 - 1

58, 53, 52, 48, 46, 47

46) $c + b = 2700$

.15c + .18b = 441   Write up instructions
                          2nd Matrix

$b = 1200$

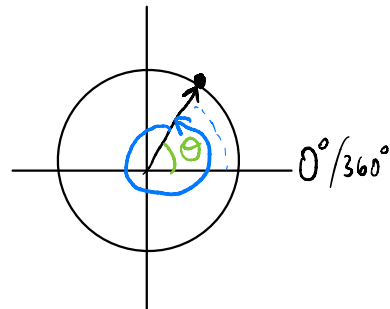$$\begin{bmatrix} 1 & 0 & \vdots & 1500 \\ 0 & 1 & \vdots & 1200 \end{bmatrix}$$ ⟶ bottles

47) $2\pi = 360°$

conversion factors $\dfrac{\pi}{180°}$ $\dfrac{180°}{\pi}$

$2\pi + \theta = ?$
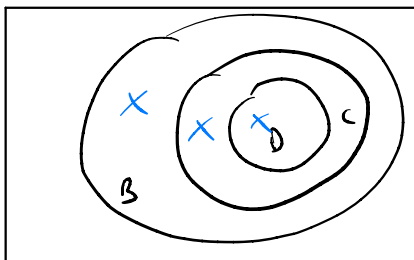$360° + \theta$

θ

$0°/360°$

$\sin(2\pi + \theta) = \theta$
$\theta + 360°k = \theta$ whenever k is an integer
$(k \in \mathbb{Z})$.

53)

A

A - A

B

C

D

imaginary

Whole numbers

Integers

Real numbers

Complex numbers