

$$V_2 \quad \begin{bmatrix} 1 & 2 & 3 & 4 \end{bmatrix}$$

$$V_3 \quad \begin{bmatrix} 5 & 6 & 7 & 8 \end{bmatrix}$$

$$V_4 \quad \begin{bmatrix} 0 & 0 & 0 & 0 \end{bmatrix}$$

$$V_5 \quad \begin{bmatrix} 1 & 1 & 1 & 1 \end{bmatrix}$$

$$V_6 \quad \begin{bmatrix} 4 & 4 & 4 & 4 \end{bmatrix}$$

$m : m$  writes all the numbers from  $m$  up to  $m$  with a step of 1.

$$V_6 = [4 \ 4 \ 4 \ 4] = 4 [1 \ 1 \ 1 \ 1] = 4 V_5$$

$m : h : m$  it writes all the numbers from  $m$  up to  $m$  with a step of  $h$

Odd numbers from 3 to 15:

$$3 : 2 : 15$$

V 11

3	6	9	12	15
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Ex 7

Save the row vector  $X$  with elements  $-1, 0, 5, 7$  and the equally spaced row vector  $Y$  with 4 elements from 10 to  $-8$ .

1. Compute  $Z=X+Y$ .
2. Compute  $V=0.5X$ .
3. Compute  $Z-2V$ .

$$\sqrt[3]{x} = x^{\frac{1}{3}}$$