

the first two rows of the matrix. The first row of the matrix is

$$\begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 19 & 20 \end{bmatrix}$$

and the second row of the matrix is

$$\begin{bmatrix} 2 & 4 & 6 & 8 & 10 & 12 & 14 & 16 & 18 & 20 & 22 & 24 & 26 & 28 & 30 & 32 & 34 & 36 & 38 & 40 \end{bmatrix}$$

and the third row of the matrix is

$$\begin{bmatrix} 3 & 6 & 9 & 12 & 15 & 18 & 21 & 24 & 27 & 30 & 33 & 36 & 39 & 42 & 45 & 48 & 51 & 54 & 57 & 60 \end{bmatrix}$$

and the fourth row of the matrix is

$$\begin{bmatrix} 4 & 8 & 12 & 16 & 20 & 24 & 28 & 32 & 36 & 40 & 44 & 48 & 52 & 56 & 60 & 64 & 68 & 72 & 76 & 80 \end{bmatrix}$$

and the fifth row of the matrix is

$$\begin{bmatrix} 5 & 10 & 15 & 20 & 25 & 30 & 35 & 40 & 45 & 50 & 55 & 60 & 65 & 70 & 75 & 80 & 85 & 90 & 95 & 100 \end{bmatrix}$$

and the sixth row of the matrix is

$$\begin{bmatrix} 6 & 12 & 18 & 24 & 30 & 36 & 42 & 48 & 54 & 60 & 66 & 72 & 78 & 84 & 90 & 96 & 102 & 108 & 114 & 120 \end{bmatrix}$$

and the seventh row of the matrix is

$$\begin{bmatrix} 7 & 14 & 21 & 28 & 35 & 42 & 49 & 56 & 63 & 70 & 77 & 84 & 91 & 98 & 105 & 112 & 119 & 126 & 133 & 140 \end{bmatrix}$$

and the eighth row of the matrix is

$$\begin{bmatrix} 8 & 16 & 24 & 32 & 40 & 48 & 56 & 64 & 72 & 80 & 88 & 96 & 104 & 112 & 120 & 128 & 136 & 144 & 152 & 160 \end{bmatrix}$$

and the ninth row of the matrix is

$$\begin{bmatrix} 9 & 18 & 27 & 36 & 45 & 54 & 63 & 72 & 81 & 90 & 99 & 108 & 117 & 126 & 135 & 144 & 153 & 162 & 171 & 180 \end{bmatrix}$$

and the tenth row of the matrix is

$$\begin{bmatrix} 10 & 20 & 30 & 40 & 50 & 60 & 70 & 80 & 90 & 100 & 110 & 120 & 130 & 140 & 150 & 160 & 170 & 180 & 190 & 200 \end{bmatrix}$$

and the eleventh row of the matrix is

$$\begin{bmatrix} 11 & 22 & 33 & 44 & 55 & 66 & 77 & 88 & 99 & 110 & 121 & 132 & 143 & 154 & 165 & 176 & 187 & 198 & 209 & 220 \end{bmatrix}$$

and the twelfth row of the matrix is

$$\begin{bmatrix} 12 & 24 & 36 & 48 & 60 & 72 & 84 & 96 & 108 & 120 & 132 & 144 & 156 & 168 & 180 & 192 & 204 & 216 & 228 & 240 \end{bmatrix}$$

and the thirteenth row of the matrix is

$$\begin{bmatrix} 13 & 26 & 39 & 52 & 65 & 78 & 91 & 104 & 117 & 130 & 143 & 156 & 169 & 182 & 195 & 208 & 221 & 234 & 247 & 260 \end{bmatrix}$$

and the fourteenth row of the matrix is

$$\begin{bmatrix} 14 & 28 & 42 & 56 & 70 & 84 & 98 & 112 & 126 & 140 & 154 & 168 & 182 & 196 & 210 & 224 & 238 & 252 & 266 & 280 \end{bmatrix}$$