F = {3 4 3 2 8 2 9} | M = {1 2 1}

FM = {3 10 14 12 15 20 21 20 9} | croped = {10 14 12 15 20 21 20}

0 0 3 4 3 2 8 2 9 0 0

1 2 1

1 \* 0 + 2 \* 0 + 1 \* 3 = 3

0 0 3 4 3 2 8 2 9 0 0

1 2 1

1 \* 0 + 2 \* 3 + 1 \* 4 = 10

0 0 3 4 3 2 8 2 9 0 0

1 2 1

1 \* 3 + 2 \* 4 + 1 \* 3 = 14

0 0 3 4 3 2 8 2 9 0 0

1 2 1

1 \* 4 + 2 \* 3 + 1 \* 2 = 12

0 0 3 4 3 2 8 2 9 0 0

1 2 1

1 \* 3 + 2 \* 2 + 1 \* 8 = 15

0 0 3 4 3 2 8 2 9 0 0

1 2 1

1 \* 2 + 2 \* 8 + 1 \* 2 = 20

0 0 3 4 3 2 8 2 9 0 0

1 2 1

1 \* 8 + 2 \* 2 + 1 \* 9 = 21

0 0 3 4 3 2 8 2 9 0 0

1 2 1

1 \* 2 + 2 \* 9 + 1 \* 0 = 20

0 0 3 4 3 2 8 2 9 0 0

1 2 1

1 \* 9 + 2 \* 0 + 1 \* 0 = 9