

$F = \{3\ 4\ 3\ 2\ 8\ 2\ 9\} \mid M = \{1\ 2\ 1\}$

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$$1 * 0 + 2 * 0 + 1 * 3 = 3$$

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

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

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

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

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$$1 * 2 + 2 * 8 + 1 * 2 = 20$$

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

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

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$$1 * 9 + 2 * 0 + 1 * 0 = 9$$

$FM = \{3\ 10\ 14\ 12\ 15\ 20\ 21\ 20\ 9\} \mid \text{cropped} = \{10\ 14\ 12\ 15\ 20\ 21\ 20\}$