I can calculate the expected value for a distribution given in a table.
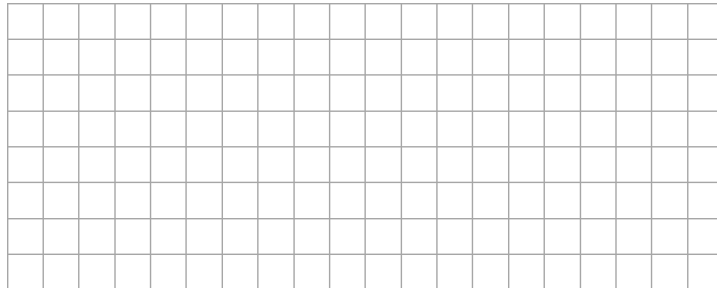
Example distribution and solution:

I can create a probability distribution table.

Example distribution and table:

I can create probability graph for a distribution.

Example distribution and graph:

MDM4U
Discrete Probability Distributions Skills

I can explain uniform probability distributions.

Description and parameters:

$P(X = x) =$

$E(X) =$

I can solve problems involving hypergeometric probability distributions.

Example problems and solutions:

I can explain hypergeometric probability distributions.

Description and parameters:

I can solve problems involving uniform probability distributions.

Example problems and solutions:

$P(X = k) =$

$E(X) =$

I can explain binomial probability distributions.

Description and parameters:

$$P(X = k) =$$

$$E(X) =$$

I can solve problems involving binomial probability distributions.

Example problems and solutions:

$$P(X = k) =$$

$$E(X) =$$