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**Exam** : **ASDEV01**

**Title** : Blue Prism Associate  
Developer Exam

**Version** : DEMO

1. In Blue Prism, what is a stage Expression?

- A. A formula which is used to produce a value
- B. An output from a Decision stage
- C. The description of a Blue Prism stage
- D. The output from a Calculation stage

**Answer: A**

**Explanation:**

A stage expression is a formula that can be entered into any stage in Blue Prism to produce a value or perform an action. It can use variables, functions, operators and constants to create complex expressions that can manipulate data or control the flow of the process<sup>1</sup>.

Reference: 1 [https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20Developer%20-%20Certification%20Overview\\_0.pdf](https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20Developer%20-%20Certification%20Overview_0.pdf)

2. What is a Blue Prism Process?

- A. A business flow diagram
- B. A computer application
- C. A business flow chart
- D. A graphical representation of a working computer program which automates manual repetitive tasks

**Answer: D**

**Explanation:**

A Blue Prism process is a graphical representation of a working computer program that automates manual repetitive tasks using business objects and stages. A process can be run by an operator or scheduled by a control room<sup>2</sup>.

Reference: 2 <https://www.koenig-solutions.com/blue-prism-associate-developer-course>

3. Process rules or logic are evaluated in Blue Prism using which type of stage?

- A. Evaluate
- B. Decision
- C. Validate
- D. Calculation
- E. Logic

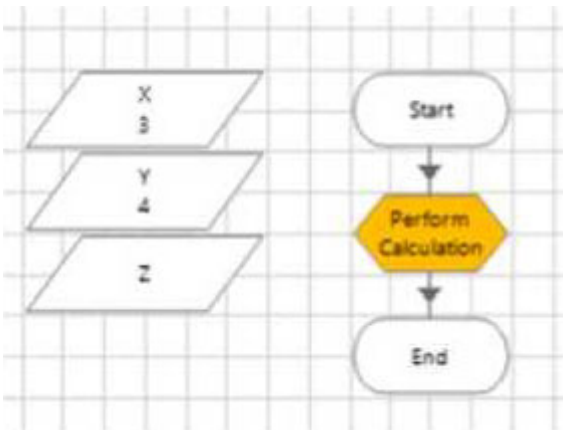
**Answer: B**

**Explanation:**

A decision stage is used to evaluate process rules or logic and branch the process flow based on the outcome of the evaluation. A decision stage can have multiple outcomes and can use expressions to compare values or check conditions<sup>1</sup>.

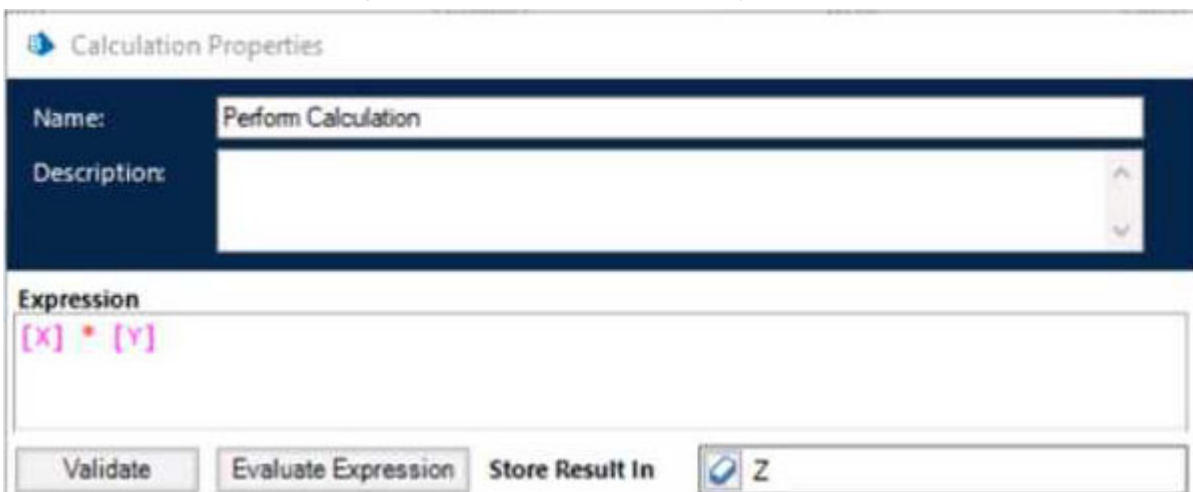
Reference: 1 [https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20Developer%20-%20Certification%20Overview\\_0.pdf](https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20Developer%20-%20Certification%20Overview_0.pdf)

4. Examine the following Blue Prism Process diagram:



The initial values of the data items are displayed in the diagram above All 3 data items are configured as Number

The 'Perform Calculation' stage Properties window is displayed below:



When this diagram is run through the the End stage, what will the current value of the Z data item be?

- A. -1
- B. [X]\*[Y]
- C. An Internal Exception will be thrown as the Expression contains multiple blank spaces
- D. 0
- E. 12

**Answer: E**

**Explanation:**

The calculation stage will assign the value of [X][Y] to the Z data item, which is 34 = 12. The blank spaces in the expression do not affect the calculation1.

Reference: 1 <https://bpdocs.blueprism.com/bp-6-9/en-us/frmStagePropertiesCalculation.htm>

5.Which of the following items can be used in Blue Prism to transmit values between Process Pages?  
(Select all items which apply)

- A. Input Parameters
- B. Lookup Stages
- C. Output Parameters
- D. Calculation Stages

E. Data Items

**Answer:** A, C, E

**Explanation:**

Input parameters, output parameters and data items can be used to transmit values between process pages by passing or returning values from one page to another<sup>2</sup>. Lookup stages and calculation stages are not used for this purpose, as they are used to retrieve values from collections or perform calculations on values<sup>3</sup>.

Reference:

2 <https://bpdocs.blueprism.com/bp-6-10/en-us/helpProcessPages.htm>

3 <https://bpdocs.blueprism.com/bp-6-10/en-us/helpCalculationsAndDecisions.htm>