

NAME: _____

DATE: _____

GRADE 9 – ERRORS IN EXCEL

Select the Correct Answer

1. **What does the #DIV/0! error mean?**
 - a) You are dividing by text
 - b) You are dividing by zero or an empty cell
 - c) The cell is too narrow
 - d) The formula contains an invalid number
2. **What is the cause of the ##### error in Excel?**
 - a) A circular reference
 - b) Invalid data type in the formula
 - c) The cell is too narrow to display the full value
 - d) Division by zero
3. **Which error appears when a formula refers to a cell that no longer exists?**
 - a) #VALUE!
 - b) #REF!
 - c) #NUM!
 - d) #DIV/0!
4. **What does the #NUM! error indicate?**
 - a) A number is too large, too small, or invalid for the formula
 - b) The cell is too narrow
 - c) You are dividing by zero
 - d) There is a reference to a deleted cell
5. **How can you fix the #VALUE! error?**
 - a) Widen the column
 - b) Ensure the formula isn't referring to deleted cells
 - c) Correct the data types in your formula so they match
 - d) Replace text with a formula
6. **Which error would likely occur if you attempt to calculate the square root of a negative number in Excel?**
 - a) #REF!
 - b) #NUM!
 - c) #DIV/0!
 - d) #VALUE!

Matching Questions (5)

Instructions: Match the Excel error on the left with the cause or solution on the right.

Error	Cause or Solution
1. #DIV/0!	a) Widen the column to display the full value
2. #####	b) Ensure you're not dividing by zero or use an IF statement to handle zero divisions
3. #REF!	c) Check that the data types in your formula match (e.g., no text instead of numbers)
4. #VALUE!	d) The formula refers to a cell that no longer exists
5. #NUM!	e) Make sure the numbers in your formula are within Excel's limits
	f) The formula uses a square root function with a negative number

CHOICE #2

Select the Correct Answer.

- What does the #DIV/0! error mean?**
 - You are dividing by a cell that contains text
 - You are dividing by zero or an empty cell
 - The cell is too narrow
 - You have a missing reference
- True or False:** The ##### error appears when the cell contains invalid data.
 - True
 - False
- How do you fix the #DIV/0! error?**
 - Widen the column
 - Ensure you are not dividing by zero or use an IF statement to check if the divisor is zero
 - Delete the formula
 - Change the text to a number
- Which error occurs when the cell is too narrow to display its contents?**
 - #VALUE!
 - #REF!
 - #####
 - #NUM!
- True or False:** The #VALUE! error occurs when you use the wrong data type in a formula.
 - True
 - False
- What typically causes the #REF! error?**
 - The cell is too small to display the value

- b) The formula refers to a cell that no longer exists
 - c) The numbers are too large or too small for Excel to handle
 - d) You are trying to divide by zero
7. **How can you correct the ##### error in Excel?**
- a) Type in a valid number
 - b) Undo the deletion with Ctrl + Z
 - c) Widen the column by dragging its edge
 - d) Change the data type to text
8. **True or False:** The #REF! error can be fixed by updating the formula to reference the correct cell or range.
- a) True
 - b) False
9. **Which error occurs when there is a problem with the number being used, such as it being too large, too small, or invalid?**
- a) #DIV/0!
 - b) #NUM!
 - c) #####
 - d) #VALUE!
10. **How can you fix the #NUM! error when it appears due to a negative number in the =SQRT() function?**
- a) Change the negative number to a positive number
 - b) Widen the column
 - c) Replace the number with text
 - d) Undo the deletion
11. **True or False:** The #VALUE! error can be fixed by checking the data types in your formula and ensuring they match.
- a) True
 - b) False