BitWith Bite

TABLEAU WORKSHEET

Calculated Fields

Chapter: Tableau · Level ★★☆ · Time: 30 min

SCORE ___ / 20

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ Create calculations ✓ IF/THEN logic ✓ String and date functions ✓ Aggregate calcs

Section A · Concept Check • BEGINNER 4 × 1 = 4

1 Profit Ratio = :

◯ A. SUM(Profit)/SUM(Sales) ◯ B. Profit+Sales ◯ C. AVG only ◯ D. COUNT(*)

2 Conditional logic uses:

◯ A. IF THEN ELSE END ◯ B. WHEN DO ◯ C. SWITCH only ◯ D. LOOP

3 Join text with:

◯ A. + (or CONCAT-style) ◯ B. JOIN() ◯ C. GLUE ◯ D. MERGE

4 DATEDIFF returns:

◯ A. the gap between two dates ◯ B. a color ◯ C. a string ◯ D. a filter

Section B · Problem Solving • INTERMEDIATE 2 + 3×3 = 11

5 Calculations end IF blocks with _____.

6 LEFT(name, 3) is a _____ function.

7 Write a High/Low sales flag.

8 Full name from first + last?

9 Days to ship calc?

Section C · Challenge • CHALLENGE 5

10 Why SUM(Profit)/SUM(Sales), not AVG of row ratios?

Reflection — the most useful thing I learned: _____

A ___/4 B ___/11 C ___/5 Total ___/20

Teacher's Signature

Parent's Signature

✂ ANSWER KEY — FOLD OR CUT BEFORE HANDING OUT

1-A 2-A 3-A 4-A | 5 END 6 string 7 = IF SUM([Sales]) > 1000 THEN 'High' ELSE 'Low' END 8 = [First] + ' ' + [Last] 9 = DATEDIFF('day', [Order Date], [Ship Date]) | 10 = Ratio of sums is the true overall ratio; row-average is skewed