



JOINS: Combining Tables

SCORE

___ / 20

Chapter: SQL · Level ★★★ · Time: 30 min

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ INNER JOIN two tables ✓ LEFT JOIN and NULLs ✓ Join on foreign keys ✓ Alias tables

Section A · Concept Check

• BEGINNER

4 × 1 = 4

1 Rows matching in BOTH tables:

- ☐ A. INNER JOIN ☐ B. LEFT JOIN ☐ C. FULL JOIN
☐ D. CROSS JOIN

2 Keep all left rows even without match:

- ☐ A. INNER ☐ B. LEFT JOIN ☐ C. RIGHT only
☐ D. ANTI

3 Join condition uses:

- ☐ A. ON ☐ B. AT ☐ C. BY ☐ D. IN

4 Unmatched LEFT JOIN columns show:

- ☐ A. 0 ☐ B. " ☐ C. NULL ☐ D. error

Section B · Problem Solving

• INTERMEDIATE

2 + 3 × 3 = 11

5 JOIN orders users.id = orders.user_id;

6 A key points to another table's primary key.

7 List each order with its customer name.

8 All users and their orders, including users with none.

9 Find users with NO orders.

Section C · Challenge

• CHALLENGE

5

10 INNER vs LEFT join in one line?

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-B 3-A 4-C | 5 ON 6 foreign 7 = SELECT o.id, u.name FROM orders o INNER JOIN users u
ON u.id = o.user_id; 8 = LEFT JOIN orders o ON o.user_id = u.id 9 = LEFT JOIN ... WHERE o.id IS
NULL | 10 = INNER = matches only; LEFT = all left rows + NULLs for no match