



Sorting & Limiting Results

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

SCORE

___ / 20

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ Sort with ORDER BY ✓ ASC vs DESC ✓ Take top-N with LIMIT ✓ Combine sort + limit

Section A • Concept Check • BEGINNER $4 \times 1 = 4$ _____

- 1 Sort results with:
 - ☐ A. SORT BY ☐ B. ORDER BY ☐ C. ARRANGE
 - ☐ D. RANK
- 2 Highest first uses:
 - ☐ A. ASC ☐ B. DESC ☐ C. TOP ☐ D. MAX
- 3 First 5 rows only:
 - ☐ A. LIMIT 5 ☐ B. TOP(5) always ☐ C. FIRST 5
 - ☐ D. ROWS 5
- 4 Default sort direction is:
 - ☐ A. DESC ☐ B. random ☐ C. ASC
 - ☐ D. insertion

Section B • Problem Solving • INTERMEDIATE $2 + 3 \times 3 = 11$ _____

- 5 ORDER BY price _____ sorts cheapest first.
- 6 ORDER BY score DESC _____ 3 gives the top 3.
- 7 Top 5 most expensive products.

- 8 Alphabetical list of student names.

- 9 Page 2 of results, 10 per page.

Section C • Challenge • CHALLENGE 5 _____

- 10 Sort by grade DESC then name ASC.

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-B 2-B 3-A 4-C | 5 ASC 6 LIMIT 7 = SELECT * FROM products ORDER BY price DESC LIMIT 5;
 8 = SELECT name FROM students ORDER BY name ASC; 9 = ... LIMIT 10 OFFSET 10; | 10 = ORDER BY
 grade DESC, name ASC