



Logic and Routing

Chapter: n8n Automation • Level ★★ ★ • Time: 30 min

SCORE

___ / 20

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

- ✓ The IF node for branching
- ✓ The Switch node for multiple paths
- ✓ Comparing values in conditions
- ✓ Merging branches back together



Section A • Concept Check

• BEGINNER

4 × 1 = 4

- A node that splits a workflow into true/false paths is:
☐ A. IF node ☐ B. Set node ☐ C. Wait node
☐ D. Cron node
- A node for routing to 3+ different paths is:
☐ A. Switch node ☐ B. Merge node
☐ C. HTTP Request node ☐ D. NoOp node
- Combining two branches back into one is done with:
☐ A. Merge node ☐ B. Split node ☐ C. IF node
☐ D. Wait node
- IF node conditions typically compare:
☐ A. field values against a rule ☐ B. node colors
☐ C. workflow names ☐ D. file sizes only



Section B • Problem Solving

• INTERMEDIATE

2 + 3 × 3 = 11

- The IF node produces a _____ output and a false output.
- Switch routes items based on matching _____.
- Design logic: if order total > 100, send VIP email, else send standard email.

- When would Switch be better than several IF nodes?

- Why might you need a Merge node after branching?



Section C • Challenge

• CHALLENGE

5

- What happens to items that fail an IF condition?

Reflection — the most useful thing I learned: _____

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

Teacher's Signature

Parent's Signature

1-A 2-A 3-A 4-A | 5 true 6 a value/rule 7 = IF node checking total>100, true branch to VIP email node, false branch to standard email node 8 = When routing by one field into 3+ distinct categories cleanly 9 = To recombine results before a shared final step, e.g. logging | 10 = They flow out the false output branch instead of the true one