

Plumbing II

Plumbing Math 2082

- 1 Use formulas 2082.1
- 2 Add, subtract, multiply, and divide whole numbers and fractions 2082.2
- 3 Convert measurements 2082.3
- 4 Calculate slope and angles with a builder's level/laser 2082.4
- 5 Size drain/waste lines and storm drains 2082.5

General Plumbing Practices 2082

- 6 Demonstrate blueprint reading 2082.6
- 7 Interpret an isometric view of a drain, waste, and vent (DWV) system 2082.7
- 8 Identify plumbing materials and fittings 2082.8
- 9 Identify plumbing protection methods (i.e., fire caulk, nail plates) 2082.9
- 10 Interpret manufacturer's specifications 2082.10
- 11 Testing of Plumbing systems 2082.11

Joining Pipes and Fittings 2082

- 12 Join copper pipes, tubes, and fittings 2082.12
- 13 Join plastic pipes and fittings 2082.13
- 14 Join steel pipes and fittings 2082.14
- 15 Join cast iron pipes and fittings 2082.15

Drainage 2082

- 16 Install drain/waste lines and storm drains (i.e., interior and exterior) 2082.16
- 17 Describe sizing of basic drainage systems 2082.17
- 18 Calculate proper pitch 2082.18
- 19 Describe purpose and appropriate locations for clean-out 2082.19

Vent Installation 2082

- 20 Install a vent system for soil or waste drainage 2082.20

21 Differentiate between types of vents and venting systems 2082.21

Traps 2082

22 Exhibit knowledge of trap function, installation, and placement 2082.22

23 Distinguish between approved and non-approved traps 2082.23

24 Identify trap components 2082.24

25 Identify causes and prevention for trap seal loss 2082.25

Plumbing Service and Repair 2082

26 Display ethical practices in service and repair 2082.26

27 Unclog drains and traps 2082.27

Apprenticeship Awareness 2082

28 Apprenticeship Basics 2082.28

What is Apprenticeship?
2082

29 Benefits of Apprenticeships 2082.29

30 Businesses and Partners 2082.30

31 Common Apprenticeship Myths 2082.31
