

Plumbers & Steamfitters Local 62

Monterey/Santa Cruz Counties

11445 Commercial Parkway

Castroville, CA 95012

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APPRENTICESHIP APPLICATION INFORMATION

MAKING APPLICATION

Applications will be accepted and the evaluation will be given on the 1st Wednesday of June and December (unless circumstances warrant the test be given more often and is approved by the committee). The evaluation will be held at Plumbers & Steamfitters Local #62's Training Center (map enclosed). The extra test dates, if any, will be advertised on craigslist.org. Applications are accepted starting at 8:15 AM through 8:45 AM (no applications accepted after 8:45 AM) and the test begins at 9:00 AM.

MINIMUM REQUIREMENTS

- Minimum Age: all applicants must be at least 16 years old at the time of application.
- Education and Photo ID/Proof of age requirements: At time of application, and before taking the test each applicant must present a valid photo ID and high school diploma or GED. If GED is provided, score must be 35 or above on all subjects and an average score of 45 required. Bring High School Diploma/GED and photo ID at time of application. (Copies can be made for you on site at the time of application.)
- At the oral interview the applicant will be required to provide a valid California driver's license and a DMV report showing a satisfactory driving record. Applicants with two (2) or more traffic violations and/or at fault accidents within the past (3) years or one (1) or more serious traffic convictions (as determined by committee) within the past (3) years will not

be accepted. Do not take the test if any of the following have occurred within the last three (3) years:

- 1 Driving while under the influence of alcohol or while disabled by use of drugs.
 - 2 Refusal to take a breath analyzer test.
 - 3 Leaving the scene of an accident without reporting it.
 - 4 Homicide, assault, or criminal negligence resulting from the operation of a vehicle.
 - 5 Driving while license is suspended or revoked.
 - 6 Reckless or dangerous driving which results in injury to a person.
 - 7 Racing, and/or
 - 8 Passing a stopped school bus.
- Drug Screening: Drug test will be given prior to or within the first week upon employment. Plumbers and Steamfitters Local #62 will pay for the test.
 - Applicant must also demonstrate the ability to read, write and speak English in order to comprehend instruction in related training classes and on the job training and to ensure safety on the job.

EXAMINATION

There is a time limit of three (3) hours to take the exam. The examination consists of:

- Reading Comprehension: You will be given an essay to read and study for fifteen (15) minutes, after which you will be given true/false questions to answer regarding the essay.
- Figure Visualization: (Example problem enclosed.)
- Mechanical Ability: (Example problem enclosed.)
- General Mathematics: Math is the most important part of the test as it counts toward 50% of the total score. Math test consists of adding, subtracting, multiplying, and dividing whole numbers, decimals, and fractions. Converting fractions into decimals and converting decimals into fractions. You will be tested on reading measurements on a ruler down to 1/16th of an inch. Lastly, you will need to analysis and answer written math problems. (Example problems enclosed.)

Note: The above test is on an 8th grade aptitude high school level. We have found from past tests that the math portion of the test is where applicants have the most difficulty. We suggest that you pick up a math workbook from Local #62 or a bookstore in your area and brush up (especially on fractions). Enclosed you will find a list of Adult Schools and Junior Colleges that have tutors available to help you with the math portion of the test.

ORAL INTERVIEW

After the written examination, there will be an oral reading exam and an oral interview for those who pass each individual section (Reading Comprehension, Figure Visualization, Mechanical Ability, and General Math) of the test with 70% minimum correct answers in each category. The average for both the written and oral exams will be taken to obtain a total score. This score will determine placement on the available applicant's list. You cannot fail the oral interview. You will need to bring a DMV printout to the oral interview.

AREA COVERED

Plumbers and Steamfitters Local #62 dispatch apprentices to jobsites in Monterey and Santa Cruz counties. This means you could be working from King City to Scotts Valley or anywhere in between. You will need a California driver's license and reliable transportation.

RESPONSIBILITIES OF AN APPRENTICE

Apprentices are required to attend classes two nights per week at our Training Center in Castroville. Classes will be Mondays and Wednesday or Tuesdays and Thursdays from 5:29 to 9:00 PM. School nights will be assigned. Apprentices do not have a choice of which nights they will attend class. Holidays and summer vacation are on a similar schedule as the public school system.

You are committing to a five (5) year program of working on a jobsite eight hours per day and attending classes two (2) nights per week for the full five (5) years of training. The union is investing \$20,000.00 in your training and all you are required to do is to invest your time. Missing or being late for class or work will not be tolerated.

MATH CLASSES AND MATH REFRESHER COURSES

The below information is regarding adult schools and local colleges to contact for math classes, refresher courses, and tutoring. It has been proven that applicants who have studied math prior to the exam have had overall higher scores. This information is only for your benefit.

Monterey Peninsula College
980 Fremont Street
Seaside – (831) 646-4148

Monterey Unified School – Adult Ed.
200 Coe Avenue
Monterey – (831) 899-1615

Hartnell College
156 Homestead
Salinas – (831) 755-6915

Salinas Adult School
20 Sherwood Place
Salinas – (831) 753-4260

Watsonville Adult School
550 Rodriguez Street
Watsonville – (831) 728-6413

Santa Cruz Adult School
350 Taylor Street
Santa Cruz – (831) 429-3966

Pacific Grove Adult School
1025 Lighthouse Avenue
Pacific Grove – (408) 646-6580

Another great study tool is the reference math book pictured here. It can be purchased online, from most educational bookstores, or at the Plumbers & Steamfitters union hall for \$10.

STUDY THESE PAGES

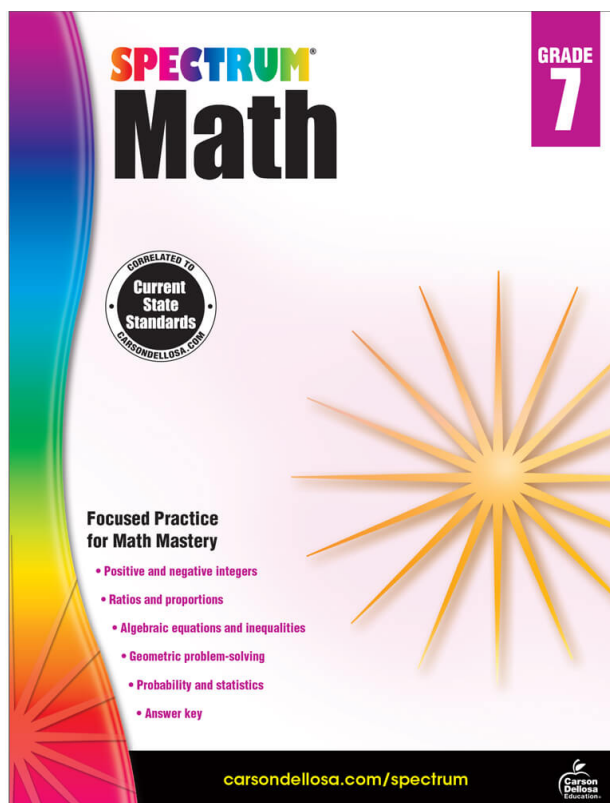
Adding and Subtracting
Rational Numbers pgs 7-18

Multiplying and Dividing
Rational Numbers pgs 23-35

Expressions, Equations, and
Inequalities pgs 40-50

Ratios and Proportional
Relationships pgs 55-67

Be sure to brush up on:
Addition, subtraction,
multiplication, and division
of whole numbers, decimals,
fractions, and percentages



EXAMPLES OF TEST MATERIALS

10 $\frac{1}{4}$

-4 $\frac{3}{4}$

$$7865.41 \div 18.7 =$$

$$\frac{5}{8} \times \frac{2}{3} =$$

Change 45% to a fraction _____

Change 45% to a decimal _____

Change $\frac{7}{8}$ to a decimal _____

5962.01

$$\frac{1}{2} \div \frac{1}{3} =$$

X 6.2

Word Problem:

The distance from New York to San Francisco is 5,400 miles by way of the Panama Canal. This is 60% of the distance by way of the Strait of Magellan. How far is it by way of the Strait of Magellan?

Mechanical Ability:

Example 1

In this example two men are pushing safes on wagons. Which man has better control?

Note that the man in picture "A" has the shorter wagon tongue. Thus, he has better control.

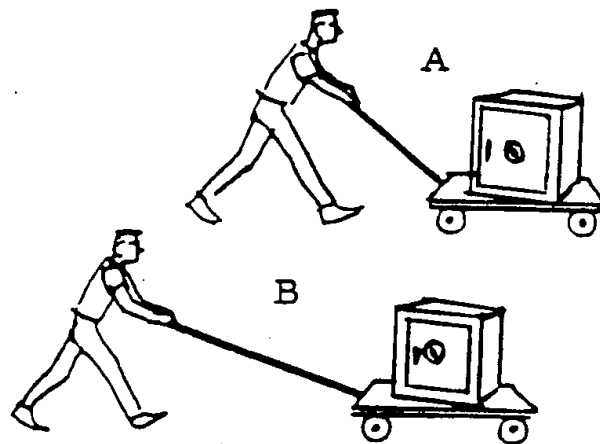
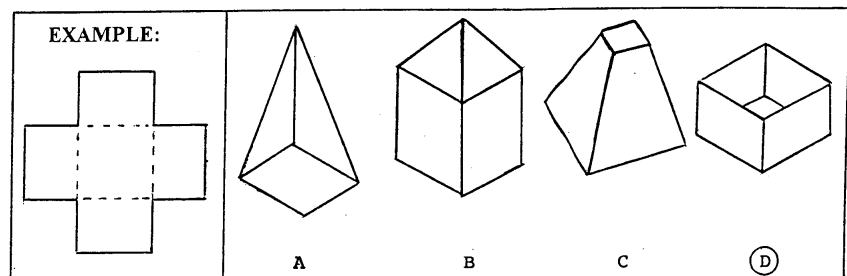


Figure Visualization:

Directions: To the left of the four solid figures in the example you will see a two-dimensional pattern. You are to determine which shape is obtained when the two-dimensional pattern is folded into a three-dimensional pattern?



Castroville

