Math 1227 – Test 1 review

Info:

* 34 questions (total of 52 marks)
* You will have 1 hour to complete the test.
* The test is a combination of Definitions, multiple choice, matching questions and short answer.
* Be sure to read the instructions carefully. Pay attention to number of decimal places and how you enter your numbers.
* Test 1 covers:
  + Metric and Imperial measurements
  + Averages.
  + Word problems with whole numbers.
  + Fractions (mixed, add, subtract, multiply & divide).
  + Converting inches and feet.
  + Percentages.

Practice Problems

1. The payroll department of a small cabinetmaking firm is responsible for 5 production staff. Their annual salaries are listed below.

Mark: $51,600.80

Lynn: $32,522.86

Bailey: $28,472.13

Shaw: $26,567.05

Rene’: $30,600.28

What is the annual payroll for the production staff of the firm?

1. Their finishing room purchased 2,244 litres of lacquer this year. The year-end inventory indicated that one, 205 litre drums and two 20-litre pails remain. How much lacquer was used during the year?
2. At $5.47 per litre, what is the value of the remaining inventory of lacquer in question 2?
3. How much money was spent on all lacquer last year?
4. Express in its lowest terms.
5. Subtract 1 “ from 3”.
6. Multiply by .
7. Divide by .
8. A panel saw operator has a lift of ” plywood, 3’ 10” high. How many sheets are in the lift?
9. An employee’s paycheck is $542.65. she worked 42 hours. How much is she paid per hour to the nearest cent?
10. Express 45.5% as a decimal.
11. Find 2% of $8.75 to the nearest cent.
12. $2.12 is what percent of $4.75?

Test A Review Answer Key:

1. $169,763.12 per year
2. 1,999 L (2244-245)
3. $1,340.15 (245L x $5.47)
   1. $12,274.68 (2244L x $5.47)
4. 2
5. 2
6. 1
7. 372
8. $12.84/ hr
9. 0.455
10. $0.18 ($8.75 x 2%)
11. 44.6% ($2.12/$4.75= 0.446)