Arithmetic

Arithmetic Test II (actual test)

Instructions

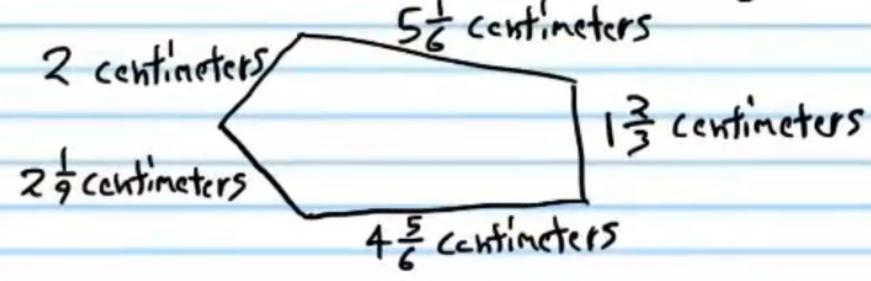
I) Write a title, name, date, and course.

II) Number each problem, circle the number, rewrite the problem, and show all work.

III) Put a rectangle around your answers.
III) Write any fractions in your answers in lowest terms and never leave your answers as improper fractions.

- 1) Find the GCF of 64 and 40.
- 3 Find the LCM of 15 and 12.
- 3 What is a composite number?
- 4) Find the prime factorization of 50. Write the factors from least to greatest and with repeating factors in power notation (e.g. 34.5.7).
- (5) Reduce the following Fractions to lowest terms: 100%, 20%, 54%, 54%,
- 6) If Larry drinks 3/3 of a bottle will he drink in 3/4 of an honr?
- 1 What is the product of 53 and 15?
- (8) If an office building uses 45 joules of energy per second, and the building used 15 joules of energy, for how many seconds was the energy flowing?

- @ Find the sum of = and to.
- 10 Bobby makes 23 million dollars every year and kevin makes 35 million dollars every year. What is the difference between their yearly incomes?
- 15 54 feet tall, how much talkt is Joe Bob than
- (12) A snake slithers at 5/7 of a mile per hour. If the snake slithered at this speed for 2/5 of a mile, for what fraction of an hour was the snake slithering
- (13) Find the perimeter of the figure below.



- (14) What is the area of the rectangular lot of land below? 15 mile
- (15) An airplane flics 3\(\frac{1}{2}\) Kilometers per minute. How far will the plane fly in 10\(\frac{2}{4}\) minutes?
- 1 Divide 8 by =.

Perform the following operations.

- ① 多÷4 图 33÷专 图 9-2前 ② ~×9
- (21) A bat eats 5 & grams of insects per hour.

 A this rate, how much time will pass if a bat eats

 15/16 of a gram of insects?
- (33) Find the difference between & and to.
- 23 Underline the composite numbers in the list below.

8, 17, 7, 10, 45, 100

- 24) Bo has to of a pound of jerky, 3/5 of a pound of trail mix, 3/20 of a pound of dried ice cream, and 1/4 of a pound of dried soup. How much food does he have in total pounds?
- QS) Ellie has 6\$ ounces of gold, 35 onnces of silver, 4 ounces of platinum, and 1/3 of an ounce of copper. How much metal does she have in total?