ALEKS® Detailed Quiz Results

Kai Wayne - Mathematics - LV 5 (with QuickTables)

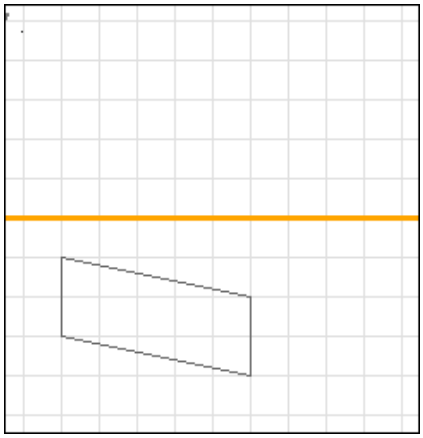
Quiz Name: Quiz 3
Date Submitted: 10/21/2011

Score: 89%
Grade: B

	Questions	Result	Points
1.	Introduction to reflections	Incorrect	0 of 1
2.	Describing data patterns	Correct	1 of 1
3.	Fraction division	Correct	1 of 1
4.	Writing an improper fraction as a mixed number	Correct	1 of 1
5.	Addition or subtraction of mixed numbers with same denominator	Correct	1 of 1
6.	Introduction to inequalities	Correct	1 of 1
7.	Area of a parallelogram	Correct	1 of 1
8.	Writing a signed number for a real-world situation	Correct	1 of 1
9.	Introduction to converting a fraction to a decimal	Not answered	0 of 1
10.	Writing an improper fraction as a mixed number	Correct	1 of 1
11.	Tenths and hundredths decimal place value	Correct	1 of 1
12.	Multiplication with trailing zeros: Problem type 2	Correct	1 of 1
13.	Division involving quotients with intermediate zeros	Correct	1 of 1
14.	Volume of a solid made of unit cubes	Correct	1 of 1
15.	Finding the missing length in a figure	Correct	1 of 1
16.	Introduction to exponents	Correct	1 of 1
17.	Writing a mathematical expression	Correct	1 of 1
18.	Addition of large numbers	Correct	1 of 1
19.	Introduction to congruence	Correct	1 of 1
		17/19 Correct	**17/19 Points**

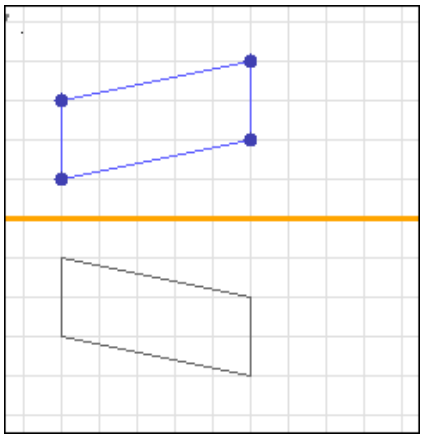
Question 1 - Introduction to reflections

Q: Draw the reflection of the figure over the line shown.



A: **You answered incorrectly.**

The correct answer is:



Question 2 - Describing data patterns

Q: The table below shows how long a copier took to make copies.

1 copy	12 seconds
2 copies	18 seconds
3 copies	24 seconds
4 copies	30 seconds

Fill in the blanks below.

Each additional copy [?] the time by [ ] seconds.

A: **You answered correctly:**

Each additional copy **increased** the time by **6** seconds.

Question 3 - Fraction division

Q: Divide. Write your answer as a fraction in simplest form.

$$\frac{5}{8} \div \frac{7}{12}$$

A: **You answered correctly:**

$$\frac{15}{14}$$

Question 4 - Writing an improper fraction as a mixed number

Q: Rewrite $\frac{29}{8}$ as a mixed number.

A: **You answered correctly:**

$$3\frac{5}{8}$$

Question 5 - Addition or subtraction of mixed numbers with same denominator

Q: Add. Write your answer as a mixed number in simplest form.

$$8\frac{2}{5}+4\frac{2}{5}$$

A: **You answered correctly:**

$$12\frac{4}{5}$$

Question 6 - Introduction to inequalities

Q: Use $<$, $>$, or $=$ to compare the numbers.

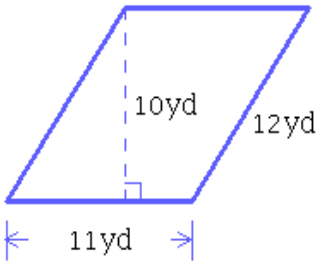
$$7 \ \square \ 12$$
$$78 \ \square \ 72$$
$$60 \ \square \ 396$$
$$399 \ \square \ 420$$

A: **You answered correctly:**

$$7 < 12$$
$$78 > 72$$
$$60 < 396$$
$$399 < 420$$

Question 7 - Area of a parallelogram

Q: Find the area of this parallelogram. Be sure to include the correct unit in your answer.



A: **You answered correctly:**

110yd^2

Question 8 - Writing a signed number for a real-world situation

Q: Fill in the blanks below.

(a) Kala's test score average decreased by 4 points this semester.
Write a signed number to represent this change in average.

[ ] points

(b) The population of a certain city increased by $34{,}000$ people.
Write a signed number to represent this population change.

[ ] people

A: **You answered correctly:**

(a) Kala's test score average decreased by 4 points this semester.
Write a signed number to represent this change in average.

-4 points

(b) The population of a certain city increased by $34{,}000$ people.
Write a signed number to represent this population change.

$34{,}000$ people

Question 9 - Introduction to converting a fraction to a decimal

Q: Write $\frac{47}{1000}$ as a decimal.

A: **You did not provide any answer.**

The correct answer is:

0.047

Question 10 - Writing an improper fraction as a mixed number

Q: Write $\frac{11}{6}$ as a mixed number.

A: **You answered correctly:**

$1\frac{5}{6}$

Question 11 - Tenths and hundredths decimal place value

Q: Give the digits in the ones place and the hundredths place.

38.17

A: **You answered correctly:**

ones:	8
hundredths:	7

Question 12 - Multiplication with trailing zeros: Problem type 2

Q: Multiply.

26×900

A: **You answered correctly:**

23,400

Question 13 - Division involving quotients with intermediate zeros

Q: Divide.

$16{,}247 \div 4$

Quotient: ☐

Remainder: ☐

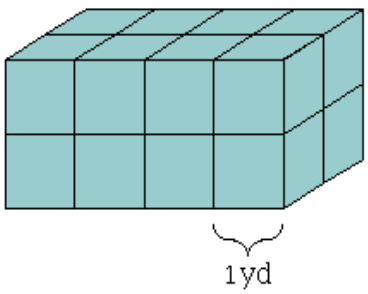
A: **You answered correctly:**

Quotient: 4,061

Remainder: 3

Question 14 - Volume of a solid made of unit cubes

Q: The solid below is made from cubes.
Find its volume.



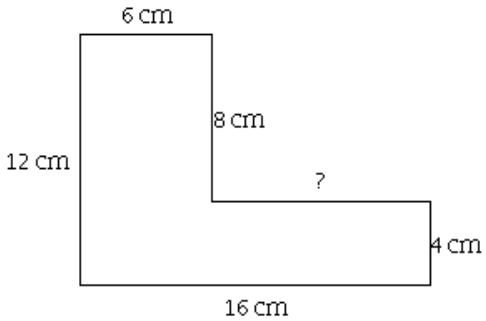
A: **You answered correctly:**

$16\,\text{yd}^3$

Question 15 - Finding the missing length in a figure

Q: Find the missing side length.

Assume that all intersecting sides meet at right angles.
Be sure to include the correct unit in your answer.



A: **You answered correctly:**

$10\,\text{cm}$

Question 16 - Introduction to exponents

Q: Evaluate.

3^3

A: **You answered correctly:**

27

Question 17 - Writing a mathematical expression

Q: Write an algebraic expression to answer the question below.

If one pen costs d dollars, what is the cost, in dollars, of 9 pens?

A: **You answered correctly:**

$9d$

Question 18 - Addition of large numbers

Q: Add.

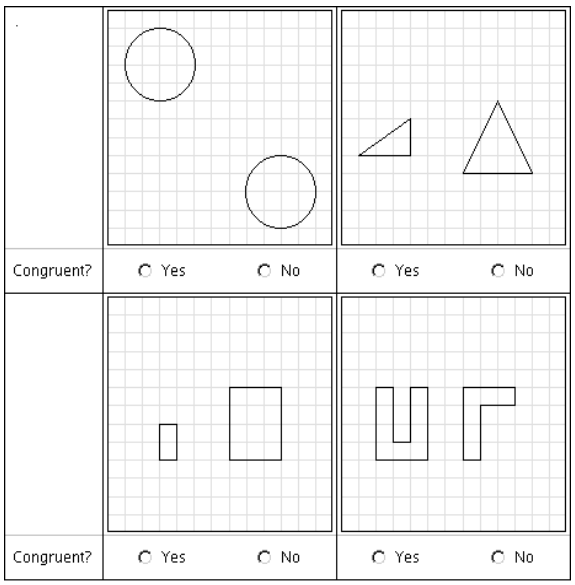
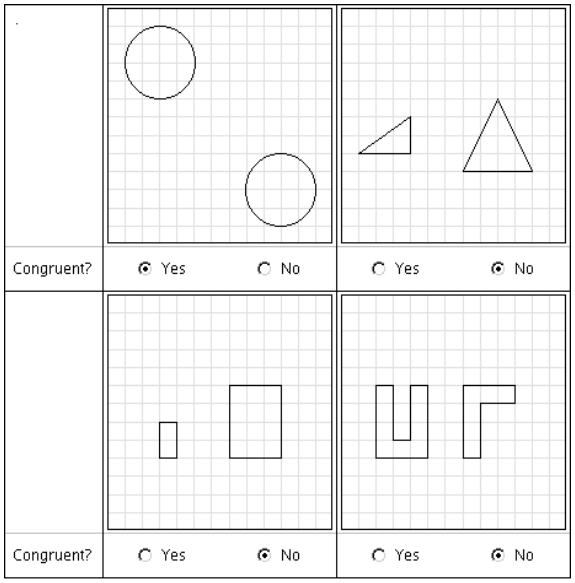
$$\begin{array}{r} 247 \\ 45 \\ +\ 4872 \\ \hline \end{array}$$

A: **You answered correctly:**

5164

Question 19 - Introduction to congruence

Q: Which pairs of figures below are congruent?



A: **You answered correctly:**