

# ALEKS<sup>®</sup> Detailed Quiz Results

Quiz Name: Quiz 1  
Date Submitted: 05/24/2009

Score: 71%

Questions	Result	Points
1. Solving simple equations with multiplication or division	Correct	1 of 1
2. Finding a function rule: Problem type 1	Correct	1 of 1
3. Division involving quotients with intermediate zeros	Correct	1 of 1
4. Division involving quotients with intermediate zeros	Correct	1 of 1
5. Addition or subtraction of mixed numbers with same denominator	Correct	1 of 1
6. Introduction to multiplication of large number s	Not answered	0 of 1
7. Addition of 3 or 4 single-digit number s	Incorrect	0 of 1
8. Naming polygons	Not answered	0 of 1
9. Using multiplication to find the number of squares	Correct	1 of 1
10. Surface area of a cube or a rectangular prism	Correct	1 of 1
11. Adding or subtracting 10, 100, or 1000	Incorrect	0 of 1
12. Finding a function rule: Problem type 1	Correct	1 of 1
13. Multiplication of a decimal by a power of ten	Correct	1 of 1
14. Word problem with common multiples	Correct	1 of 1
	10/14 Correct	10/14 Points

## Question 1 - Solving simple equations with multiplication or division

Q: Solve for  $y$ .

$$4 \times y = 20$$

A: You answered correctly:

$$y = 5$$

### Question 2 - Finding a function rule: Problem type 1

**Q:** Below is the table of values of a function. Write the output when the input is  $n$ .

input	3	5	8	$n$
output	15	25	40	<input type="text"/>

**A:** You answered correctly:

input	3	5	8	$n$
output	15	25	40	$5 \times n$

### Question 3 - Division involving quotients with intermediate zeros

**Q:** Divide.

$$64,301 \div 8$$

Quotient:

Remainder:

**A:** You answered correctly:

Quotient: 8,037

Remainder: 5

### Question 4 - Division involving quotients with intermediate zeros

**Q:** Divide.

$$42,364 \div 9$$

Quotient:

Remainder:

**A:** You answered correctly:

Quotient: 4,707

Remainder: 1

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

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

$$9\frac{7}{11} + 2\frac{3}{11}$$

**A:** You answered correctly:

$$11\frac{10}{11}$$

#### Question 6 - Introduction to multiplication of large numbers

**Q:** Multiply.

$$\begin{array}{r} 44 \\ \times 21 \\ \hline \end{array}$$

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

The correct answer is:

### Question 7 - Addition of 3 or 4 single-digit numbers

**Q:** Add.

$$\begin{array}{r} 9 \\ 5 \\ + 7 \\ \hline \end{array}$$

**A:** You answered wrong.

The correct answer is:

21

### Question 8 - Naming polygons

**Q:** Answer the questions about the polygons below.

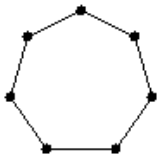


Figure A

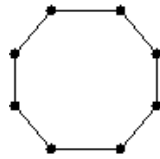


Figure B

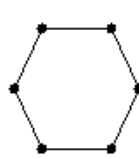


Figure C

Which figure is a pentagon?  Figure A  Figure B  Figure C  None

Which figure is an octagon?  Figure A  Figure B  Figure C  None

Which figure is a hexagon?  Figure A  Figure B  Figure C  None

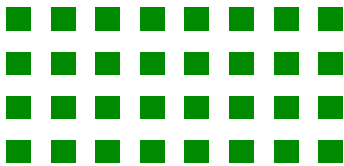
**A:** You did not provide any answer.

The correct answer is:

Which figure is a pentagon?	<input type="radio"/> Figure A	<input type="radio"/> Figure B	<input type="radio"/> Figure C	<input checked="" type="radio"/> None
Which figure is an octagon?	<input type="radio"/> Figure A	<input checked="" type="radio"/> Figure B	<input type="radio"/> Figure C	<input type="radio"/> None
Which figure is a hexagon?	<input type="radio"/> Figure A	<input type="radio"/> Figure B	<input checked="" type="radio"/> Figure C	<input type="radio"/> None

### Question 9 - Using multiplication to find the number of squares

**Q:** How many squares are shown below?  
Write a multiplication sentence that gives the answer.

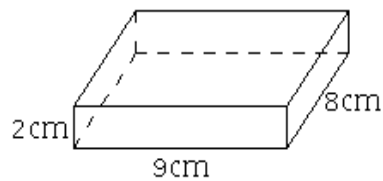


**A:** You answered correctly:

$$8 \times 4 = 32$$

### Question 10 - Surface area of a cube or a rectangular prism

**Q:** Find the surface area of this rectangular prism. Be sure to include the correct unit in your answer.



**A:** You answered correctly:

$$212 \text{ cm}^2$$

### Question 11 - Adding or subtracting 10, 100, or 1000

**Q:** What number is one hundred more than 253?

**A:** You answered wrong.

The correct answer is:

353

### Question 12 - Finding a function rule: Problem type 1

**Q:** Below is the table of values of a function. Write the output when the input is  $n$ .

input	2	3	7	$n$
output	8	12	28	<input type="text"/>

**A:** You answered correctly:

input	2	3	7	$n$
output	8	12	28	$4 \times n$

### Question 13 - Multiplication of a decimal by a power of ten

**Q:** Multiply.

$$1000 \times 3.363$$

**A:** You answered correctly:

3363

**Question 14 - Word problem with common multiples**

**Q:** Tony must choose a number between 55 and 101 that is a multiple of 4 , 5 , and 8 . Write all the numbers that he could choose. If there is more than one number, separate them with commas.

**A:** **You answered correctly:**

80

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