

ALEKS® Signs and Fractions Quiz #1

Beginning Algebra / Math 100 – Master No Book (Prof. Miller)

Student Name/ID:

Instructor Note:

Directions: Every problem is worth two points. One point is for trying the problem and showing your work and one point is for getting the correct answer. There are an additional five points for demonstrating the study strategy that is posted on the board and talked about at the beginning of class.

1. Subtract.

$$-39 - 35 = \boxed{}$$

$$5 - (-6) = \boxed{}$$

2. Subtract.

$$9 - (-5) = \boxed{}$$

$$-3 - (-1) = \boxed{}$$

3. Evaluate $-12 - (-18) \div 6$

4. Add.

$$-4 + (-4) =$$

$$4 + (-5) =$$

5. Add.

$$39 + (-59) =$$

$$-25 + (-37) =$$

6. Evaluate.

$$(-9)^2 = \boxed{}$$

$$(-4)^3 = \boxed{}$$

7. Subtract.

$$1 - 5 = \boxed{}$$

$$-3 - 8 = \boxed{}$$

8. Evaluate the following.

$$45 \div (-5) = \boxed{}$$

$$-6 \times (-5) = \boxed{}$$

9. Multiply.

$$\frac{5}{7} \times \frac{3}{8}$$

10. Multiply. Write your answer as a fraction in simplest form.

$$\frac{4}{5} \times \frac{10}{3}$$

11. Multiply.

$$\frac{3}{4} \times 24$$

12. Divide. Write your answer in simplest form.

$$\frac{5}{3} \div 9$$

13. Divide. Write your answer in simplest form.

$$\frac{9}{16} \div \frac{7}{10}$$

14. Fill in the blank to make the two fractions equivalent.

$$\frac{6}{7} = \frac{\boxed{}}{28}$$

15. Add.

$$\frac{3}{9} + \frac{4}{9}$$

Signs and Fractions Quiz #1 Answers for class Beginning Algebra / Math 100 – Master No Book

1. $-39 - 35 = -74$

$$5 - (-6) = 11$$

2. $9 - (-5) = 14$

$$-3 - (-1) = -2$$

3. -9

4. $-4 + (-4) = -8$

$$4 + (-5) = -1$$

5. $39 + (-59) = -20$

$$-25 + (-37) = -62$$

6. $(-9)^2 = 81$

$$(-4)^3 = -64$$

7. $1 - 5 = -4$

$$-3 - 8 = -11$$

8. $45 \div (-5) = -9$

$$-6 \times (-5) = 30$$

9. $\frac{15}{56}$

10. $\frac{8}{3}$

11. 18

12. $\frac{5}{27}$

13. $\frac{45}{56}$

14. $\frac{6}{7} = \frac{24}{28}$

15. $\frac{7}{9}$