

NAME: \_\_\_\_\_

Recommendation: \_\_\_\_\_

**M 14 PRETEST ANSWER KEY**

1.  $x = -\frac{8}{3}$

2.  $a = -6$

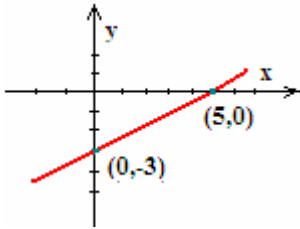
3.  $z = \frac{20}{3}$

4. Equation :  $0.25q + 0.10 \cdot (10 - q) = 1.75$

Answer: 5 Quarters and 5 Dimes

5.  $y = \frac{w+x}{2}$

6.  $x$ -intercept (5,0)  
 $y$ -intercept (0,-3)



7. 3

8. (4,4)

9.  $\frac{4}{x^9}$

10.  $5x^3 - x + 8$

11.  $-3x^3 + 2x^2 + 1$

12.  $3a^2 - 14a + 15$

13.  $4y^2 - 12y + 9$

14. Equation:  $2 \cdot (w + 2) + 2 \cdot w = 24$

Area:  $35 \text{ m}^2$ 

15.  $7x(x+2)$

16.  $(x+y)(x+4)$

17.  $(x+4)(x+5)$

18.  $(a+9)(a-9)$

19.  $x = -3, \frac{1}{2}$

20.  $a = 3, 2$