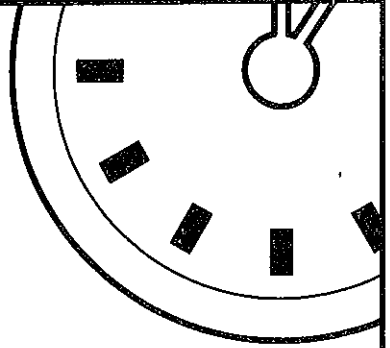


NAME: _____



MINUTE 100

1. If $f(x) = x^2 + 1$, then $f(2) =$ _____.

2. How many solutions does the problem $3 = |x - 3|$ have? _____

3. If two lines have the same slope, they are _____.

a. parallel b. perpendicular c. intersecting

4. If $x^2 = 400$, then $x =$ _____.

5. $\sqrt{7} \cdot \sqrt{7} =$

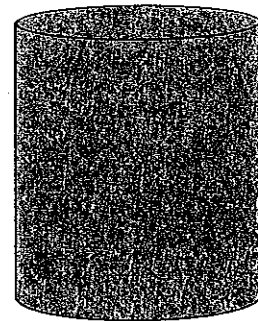
6. Write an equation to show *three times a number is 11*. _____

7. $a^3 \cdot a^4 =$

8. $(a^3)^2 =$

9. $\frac{a^5}{a^3} =$

10. The area of the base of the cylinder is 40 cm^2 .
The height is 10 cm. What is the volume? _____



BONUS! Find one solution of three numbers that add up to 41. *Circle the numbers.*
2 3 21 17 11 8 12 13