Shoot Your Shot - Equations!

- You must attempt at least 18 points.
- You must do at least ONE problem of each operation (+ - x and ÷)
- Write the number of each problem you solve and *show all your work (solve and check) or you will not receive full credit!*

Free Throws (1pt)	Jump Shots (2pts)
1. $a + 81 = 153$	9. $a + 9.8 = 14.1$
2. $b - 12 = 104$	10. $b - 2.7 = 8.9$
3. $8t = 96$	11. $1.5n = 9.6$
4. $y / 5 = 32$	12. $j / 4.5 = 2.1$
5. $e + 26 = 1004$	13. $c + \frac{1}{2} = \frac{3}{4}$
6. $h - 14 = 52$	14. $p - 2\frac{1}{2} = 8\frac{3}{4}$
7. $3g = 225$	15. $4f = 44.32$
8. $d / 5 = 17$	16. $r / 6 = 5.2$

- See back for 3 point shots!

3 Point Shots:
Must Write Equation & Solve

17. Emma paid $26 in all for a hammer and a screwdriver. The hammer cost $10. Write an addition equation using the variable *n* to show how much she spent on the screwdriver.	21. A hot-air balloon flew at 10 miles per hour. Using the variable h, write and solve a multiplication equation to find how many hours the balloon traveled if it covered a distance of 230 miles.
18. During a sales trip, Mr. Jones drove 15 miles east from Brownsville to Carlton. Then he drove several more miles east from Carlton to Sun City. The distance from Brownsville to Sun City is 35 miles. Write and solve an addition equation to find how many miles it is from Carlton to Sun City.	22. Alice bought a round-trip ticket to fly from Baltimore to Chicago on SuperAir for $250. That was $16 more than she would have paid on Jet Airlines, which only offered a one-way fare. How much did Jet Airlines charge to fly from Baltimore to Chicago?
19. There are 3 feet in a yard. John used 27 feet of wire in his sculpture. Write a multiplication equation using the variable y to find how many yards of wire John used in his sculpture.	23. A box of pencils costs $3.77. Brian got $6.28 change after paying for one box. Write a subtraction equation using the variable *x* to show how much Brian gave the cashier.
20. After dropping 6°F, the temperature was 49°F. Write a subtraction equation using the variable *t* to show what the starting temperature was.	24. All of the students in Tim's graduating class are divided into 8 teams of 28 students. Write a division equation using the variable s to show the total number of students in Tim's class.

Shoot Your Shot - Equations! Answer Sheet & Work

Name:_____ **Class Period: 1 2 3 4**

Free Throws (1pt)	Jump Shots (2pts)	Three-Point Shots (3pts)
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