

Answer Key  
Testname: MAT092PRACTICEFINAL

1.  $\frac{3 \text{ yards}}{1 \text{ second}}$
2. FALSE
3.  $n = 13\frac{1}{2}$  or 13.5
4. 14 free throws
5. 87.5% or  $87\frac{1}{2}\%$
6. .14;  $\frac{7}{50}$
7.  $\frac{92}{b} = \frac{68}{100}$
8. 12.5%
9. 85.86
10. \$98.40
11. \$15.45; \$324.45
12. \$159.57
13. 8% decrease in bill
14.  $7\frac{5}{8}$
15. 50,160 feet
16. 5.125 pounds
17. 7.2 liters
18. mm, cm, m, km
19.  $37.5^\circ \text{C}$
20. 29 m
21. 62.8 ft
22. 45 sq cm
23. 80 cu. in.
24. 628 cu. in.
25. 10
26. -4
27. 18
28. -63
29. 0
30.  $\frac{13}{10}$  or 1.3
31. -48
32. No
33.  $a = -9$
34.  $b = -65$
35.  $7(N + 8)$
36.  $3x - 5 = 16$ ;  $x = 7$