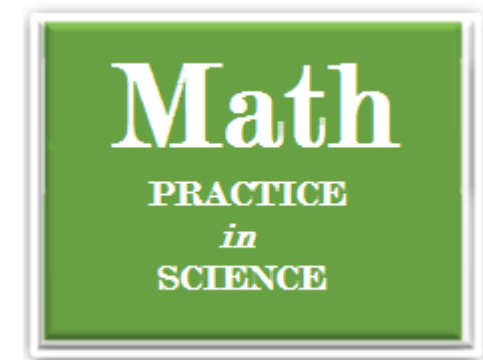# 091 Proficiency Test
End of Book Test

Circle the correct answer.

1. $\$4.78 + \$1.56 + \$3 =$
   a. $6.37
   b. $9.34
   c. $8.24
   d. $8.34

2. $5{,}403 - 1{,}278$
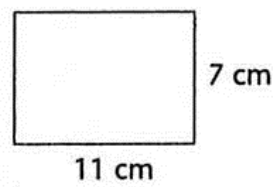   a. 3,125
   b. 4,275
   c. 4,225
   d. 4,125

3.
   $$\begin{array}{r} 1{,}359 \\ 875 \\ 4{,}637 \\ +\ 2{,}482 \\ \hline \end{array}$$
   a. 9,253
   b. 9,353
   c. 10,353
   d. 10,253

4. What is the area?
   a. 77.7 cm²
   b. 117 cm²
   c. 77 cm²
   d. 71.7 cm²

   (rectangle: 7 cm by 11 cm)

5. The numeral for "six million, one hundred twelve" is
   a. 6,100,012
   b. 6,112,000
   c. 6,112
   d. 6,000,112

6. $1564 \div 34 =$
   a. 52
   b. 47
   c. 46
   d. 56

7. $6 \div .02 =$
   a. 300
   b. 30
   c. 3
   d. .3

8. $246 \times 65 =$
   a. 2,706
   b. 15,990
   c. 16,090
   d. 16,990

9. Rename $\frac{5}{8}$ as a decimal.
   a. .58
   b. .62
   c. .625
   d. .16

10. $\frac{3}{5} \times 3\frac{3}{4} =$
    a. $\frac{9}{20}$
    b. $2\frac{1}{4}$
    c. 3
    d. $9\frac{7}{5}$

11. $2\frac{2}{3} + 4\frac{5}{6} =$
    a. $6\frac{7}{9}$
    b. $7\frac{1}{2}$
    c. $6\frac{1}{2}$
    d. $7\frac{1}{6}$

12. $\frac{3}{8} + \frac{5}{6} =$
    a. $1\frac{1}{14}$
    b. $\frac{7}{24}$
    c. $1\frac{5}{16}$
    d. $1\frac{5}{24}$

13. $\frac{4}{7} \times \frac{5}{6} =$
    a. $\frac{10}{21}$
    b. $\frac{24}{35}$
    c. $1\frac{11}{24}$
    d. $\frac{3}{14}$

14. $\frac{7}{8} - \frac{1}{4} =$
    a. $1\frac{1}{2}$
    b. $\frac{3}{7}$
    c. $\frac{5}{8}$
    d. $\frac{3}{4}$
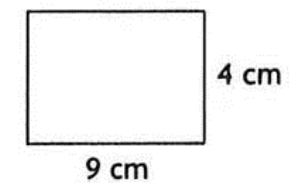
15. Which fraction is larger than $\frac{5}{6}$?
    a. $\frac{5}{7}$
    b. $\frac{7}{9}$
    c. $\frac{11}{13}$
    d. $\frac{3}{4}$

16. $3\frac{1}{3} - \frac{5}{6} =$
    a. $2\frac{1}{2}$
    b. $3\frac{1}{2}$
    c. $3\frac{4}{3}$
    d. $3\frac{3}{4}$

17. What is the area?
    a. 36 cm²
    b. 36 cm
    c. 26 cm²
    d. 26 cm

    (rectangle: 4 cm by 9 cm)

18. $3.24 + 1.3 + 15 =$
    a. 4.69
    b. 19.54
    c. 3.42
    d. 20.64

19. $\frac{5}{6} \div \frac{2}{3} =$
    a. $\frac{4}{5}$
    b. $1\frac{1}{2}$
    c. $\frac{5}{9}$
    d. $1\frac{1}{4}$

20. $1\frac{1}{3} \div 1\frac{2}{3} =$
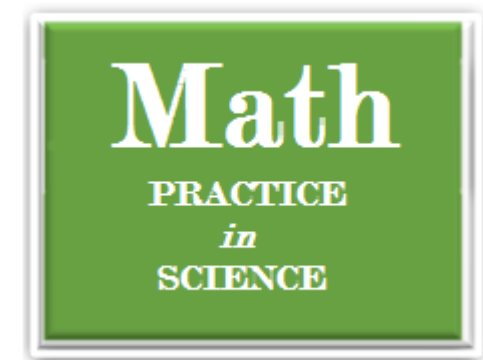   a. $\frac{1}{2}$
    b. $1\frac{1}{4}$
    c. $\frac{4}{5}$
    d. $1\frac{1}{3}$

21. $\frac{4}{5}$ is what percent?
    a. 4%
    b. 5%
    c. 20%
    d. 80%

092 Proficiency Test
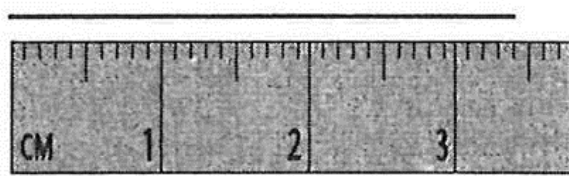## End of Book Test

Math
PRACTICE
in
SCIENCE

22. 23 – .06 =
   a. 23.94
   b. 23.06
   c. 22.94
   d. 22.84

23. .23 x .006 =
   a. .138
   b. .0138
   c. .00138
   d. .000138

24. The numeral for "seven thou-sandths" is
   a. .007
   b. .7000
   c. .0007
   d. 7000

25. How long is the line segment?

   a. 3.5 mm
   b. 3.4 mm
   c. 3.5 cm
   d. 3.4 cm

26. $24.38
    x   35
   a. $852.30
   b. $853.30
   c. $743.59
   d. $195.04

27. What is 20% of 65?
   a. 15
   b. 12
   c. 13
   d. 14

28. $8 – $.34 =
   a. $7.34
   b. $8.34
   c. $7.76
   d. $7.66

29. Lemons sell for 6 for $1.98. How much will 4 cost?
   a. $1.32
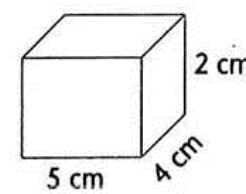   b. $1.64
   c. $1.31
   d. $1.50

30. What percent of 30 is 12?
   a. 40%
   b. 25%
   c. 42%
   d. 32%

31. You spend $14.32. What change should you get from $20.00?
   a. $6.68
   b. $6.78
   c. $5.78
   d. $5.68

32. What is the average of 39, 43, 28, 36, and 29?
   a. 30
   b. 35
   c. 40
   d. 175

33. Which decimal is larger than .52?
   a. .149
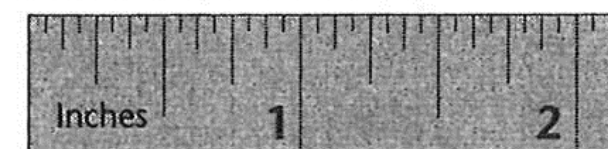   b. .4306
   c. .398
   d. .6

34. What is the volume?
   a. 11 cm^3
   b. 11 cm
   c. 40 cm^3
   d. 40 cm

35. What is the best way to find how many $1.75 comic books you can buy with $12?
   a. add
   b. subtract
   c. multiply
   d. divide

36. There are 70 students in the class; 40% are boys. How many are girls?
   a. 28
   b. 60
   c. 57
   d. 42

37. How long is the segment?

   a. $1\frac{3}{8}''$
   b. $1\frac{1}{2}''$
   c. $1\frac{7}{8}''$
   d. $1\frac{1}{4}''$

38. What is 34,723 rounded to the nearest thousand?
   a. 34,000
   b. 35,000
   c. 30,000
   d. 34,700

39. What is .2437 rounded to the nearest hundredth?
   a. .244
   b. .243
   c. .25
   d. .24

40. How many quarts are there in 7 gallons?
   a. 28
   b. 14
   c. 56
   d. 70