NAME _____ DATE _____ PERIOD _____

Test, Form 1B

SCORE _____

Write the letter for the correct answer in the blank at the right of each question.

Which is the best estimate for each product?

1. $\frac{1}{3} \times 20$

A. 20 **B.** 21 **C.** 7 **D.** 3 **1.** _____

2. $\frac{1}{6} \times \frac{7}{8}$

F. 2 **G.** 1 **H.** $\frac{1}{2}$ **I.** 0 **2.** _____

3. $2\frac{2}{3} \times 3\frac{1}{4}$

A. 12 **B.** 9 **C.** 6 **D.** 0 **3.** _____

4. Leyla played sports for $3\frac{3}{4}$ hours. Puno's time playing sports was $\frac{3}{8}$ as long. About how many hours did Puno play sports?

F. 4 h **G.** 3 h **H.** 2 h **I.** 1 h **4.** _____

What is the value of each expression in simplest form?

5. $5 \times \frac{1}{6}$

A. 30 **B.** 5 **C.** $\frac{6}{5}$ **D.** $\frac{5}{6}$ **5.** _____

6. $\frac{1}{4} \times \frac{4}{5}$

F. 20 **G.** 5 **H.** $\frac{1}{4}$ **I.** $\frac{1}{5}$ **6.** _____

7. $3\frac{1}{2} \times 1\frac{1}{2}$

A. $5\frac{1}{4}$ **B.** $4\frac{1}{2}$ **C.** 4 **D.** $3\frac{3}{4}$ **7.** _____

8. An envelope is $3\frac{1}{3}$ inches long by $3\frac{1}{2}$ inches wide. What is the area of the envelope?

F. 12 in^2 **G.** $11\frac{2}{3}$ in^2 **H.** $10\frac{1}{2}$ in^2 **I.** $9\frac{1}{6}$ in^2 **8.** _____

9. Justin ate $\frac{1}{4}$ of a pie. If there were 8 slices of pie, how many slices did Justin eat?

A. 2 slices **B.** 3 slices **C.** 4 slices **D.** 5 slices **9.** _____

10. What is the area of a rectangle with a length of $\frac{3}{4}$ yard and width of $\frac{5}{6}$ yard?

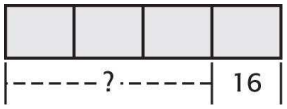
F. $\frac{2}{3}$ yd^2 **G.** $\frac{5}{12}$ yd^2 **H.** $\frac{1}{2}$ yd^2 **I.** $\frac{5}{8}$ yd^2 **10.** _____

NAME _____ DATE _____ PERIOD _____

Test, Form 1B *(continued)*

SCORE _____

11. Use the *draw a diagram* strategy to solve. Gino used $\frac{3}{4}$ of the nails in a box. He has 16 nails left. How many did he use?



A. 64 **B.** 48 **C.** 32 **D.** 19

11. _____

12. Jason has $\frac{3}{4}$ ton of stone to spread equally in 3 square yards. How many tons of stone will be spread in each square yard?

F. $\frac{1}{4}$ ton **G.** $\frac{1}{2}$ ton **H.** $\frac{1}{6}$ ton **I.** 1 tons

12. _____

What is the value of each expression in simplest form?

13. $\frac{1}{2} \div \frac{1}{3}$

A. $\frac{1}{6}$ **B.** $\frac{1}{2}$ **C.** 3 **D.** $1\frac{1}{2}$

13. _____

14. $3 \div \frac{5}{6}$

F. $\frac{5}{18}$ **G.** $2\frac{1}{2}$ **H.** 3 **I.** $3\frac{3}{5}$

14. _____

15. $2 \div 1\frac{2}{3}$

A. $\frac{5}{6}$ **B.** $1\frac{1}{5}$ **C.** $1\frac{1}{3}$ **D.** $3\frac{1}{3}$

15. _____

16. $2\frac{1}{2} \div \frac{1}{2}$

F. 5 **G.** 2 **H.** $1\frac{1}{4}$ **I.** $\frac{4}{5}$

16. _____

17. $3\frac{1}{4} \div 4\frac{1}{3}$

A. $14\frac{1}{2}$ **B.** $1\frac{5}{8}$ **C.** $1\frac{1}{3}$ **D.** $\frac{3}{4}$

17. _____

Complete.

18. $6\frac{1}{2}$ qt = _____ pt

F. 13 **G.** 26 **H.** $3\frac{1}{4}$ **I.** $1\frac{5}{8}$

18. _____

19. $2\frac{1}{4}$ T = _____ lb

A. 3,500 **B.** 4,500 **C.** 4,750 **D.** 4,800

19. _____

20. Rylie made 18 cups of punch for her party. How many fluid ounces of punch did she make?

F. 144 fl oz **G.** 145 fl oz **H.** 4.5 fl oz **I.** 2.25 fl oz

20. _____