M8 Ch 3 Practice Test

Name _____

Blk _____

1) Write this multiplication statement as repeated addition.

$3 \times \frac{2}{5}$

2) Multiply. $5 \times \frac{3}{7}$

3) Multiply $3 \times \frac{2}{5}$

4) Find this product $\frac{7}{9} \times \frac{4}{5}$

5) Find this product $\frac{4}{5} \times \frac{25}{16}$

6) Find the reciprocal of $\frac{9}{14}$

7) Find the greatest common factor of 12 and 36

8) Write $4\frac{2}{5}$ as an improper fraction

9) Write $\frac{47}{6}$ as a mixed number

10) Multiply $\frac{3}{4} \times 2\frac{4}{5}$

11) Multiply $1\frac{9}{12} \times 3\frac{2}{3}$

12) Find this quotient $6 \div \frac{4}{5}$

13) Find this quotient $4 \div \frac{1}{3}$

14) Find this quotient $\frac{6}{7} \div 3$

15) Find this quotient $\frac{6}{4} \div \frac{18}{16}$

16) Divide $\frac{1}{3} \div \frac{4}{12}$

17) Divide $\frac{5}{12} \div \frac{25}{18}$

18) Divide $\frac{7}{13} \div \frac{1}{3}$

19) Write $6\frac{7}{8}$ as an improper fraction

20) Divide $3\frac{4}{5} \div \frac{3}{7}$

21) Divide $4\frac{3}{7} \div \frac{4}{5}$

22) What operation would you use to solve this problem?

Matt had $6\frac{1}{8}$ pizzas and Brady had $3\frac{4}{6}$ pizzas. How much pizza did they have altogether?

23) Evan mixed $3\frac{1}{4}$ cups flour with $\frac{2}{3}$ cups sugar. How much did he mix in total?

24) Jesse had $\frac{3}{5}$ of a bag of chips. He ate $\frac{1}{8}$ of his chips. How much did he have left.

25) Brooklyn ate $\frac{1}{9}$ of the chocolate bar and Lily ate $\frac{2}{5}$ of the chocolate bar. How much was left?

26) Avery spends $\frac{2}{7}$ of her $2\frac{3}{5}$h lunch on the phone. How long does she spend on the phone?

27) How many $\frac{2}{3}$ cup servings are in 16 cups of juice?

28) Which operation would you do first?

$$\frac{5}{6} \times \left(\frac{6}{7} + \frac{7}{8}\right) \div \frac{8}{7} - \frac{5}{6}$$

29) Evaluate $\frac{2}{5} \times \frac{3}{6} - \frac{2}{3}$

30) Evaluate $\frac{8}{9} - \frac{2}{3} \div \frac{4}{6}$

31) Simplify <u>First</u>. Then multiply.

$$\frac{36}{22} \times \frac{99}{48}$$