

Accelerated Math ~~Unit~~ (3.3 & 3.4) *Extra Practice*
(Multiplying and Dividing Fractions & Mixed #'s)

Name _____
Block _____ Date _____

****Give final answers in simplest form.**** Show all steps below original problem. Circle final answer.

1) $-\frac{7}{12} \div \frac{1}{3}$

2) $-\frac{2}{5} \times -\frac{7}{12}$

3) $10 \div \frac{5}{8}$

4) $-2\frac{1}{4} \div -\frac{4}{15}$

5) $-14 \times 2\frac{1}{2}$

6) $\frac{2}{3} \times 24$

7) $-3\frac{3}{4} \div 6$

8) $2\frac{2}{7} \times 4\frac{9}{10}$

9) $8\frac{2}{5} \div 1\frac{1}{2}$

10) $\frac{25}{27} \times \frac{9}{16} \times \frac{24}{75}$

Directions: Write the arithmetic problem needed to solve these problems. Then on the next lines show how to solve it. Remember to label your answers. Circle final answer.

11) Jan babysat for $3\frac{1}{4}$ hours. She was paid \$26.

How much did she earn per hour?

12) How many $2\frac{1}{2}$ ounce servings of cereal can you get from a box that contains $40\frac{5}{8}$ ounces ?

13) A small bag of popcorn contains $2\frac{5}{8}$ ounces. A giant

size bag contains $12\frac{1}{4}$ ounces of popcorn. How many

times larger is the giant bag than the small bag?

14) Sara is planning to make twelve stuffed animals.

If each animal requires $1\frac{1}{8}$ yards of fabric, how much fabric will she need ?

Show your work (thinking). Circle final answers.

15) Find the multiplicative inverse of $5\frac{1}{2}$.	16) Find the quotient of $\frac{1}{3}$ and $\frac{1}{2}$.	17) If an aquarium's water level dropped to $\frac{5}{6}$ of a full tank, what fraction of the tank needs to have water added so the tank is full?
18) $\left(\frac{ab}{3}\right)\left(\frac{6}{a}\right) =$	19) Find the product of $\frac{5}{12}$ and $\frac{1}{10}$.	20) Find the reciprocal of -8.
21) Of the 480 students at Green Middle School, $\frac{3}{8}$ of them play a fall sport. How many GMS students play a fall sport?	22) Evaluate $-4a$ if $a = \frac{1}{2}$.	23) $\left(\frac{1}{2}\right)\left(-\frac{1}{4}\right)\left(\frac{1}{3}\right)$