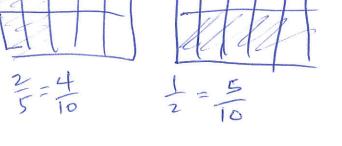
20		_
Name:	#:	Rm:

Solve each problem using calculation and draw a model to show your thinking.

1.
$$^{2}/_{5} + ^{1}/_{2}$$

$$\frac{2}{5}x_{2}^{2} = \frac{4}{10}$$

$$+ \frac{1}{2}x_{3}^{5} = \frac{5}{10}$$



2. $1^{4}/_{5} - ^{2}/_{3}$

$$\frac{9}{5} \times \frac{3}{3} = \frac{27}{15}$$

$$-\frac{2}{3} \times \frac{5}{5} = \frac{10}{15}$$

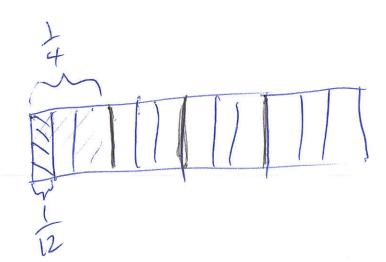
Solve each problem using calculation and draw a model to show your thinking.

3. $^{1}/_{4} \times ^{3}/_{5}$

$$\frac{1}{4} = \frac{3}{5}$$

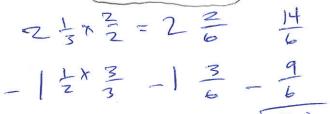
3

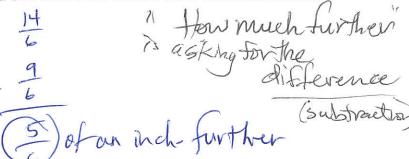
4. $\frac{1}{4} \div 3 = \frac{1}{4} \times \frac{1}{3} = \frac{1}{12}$



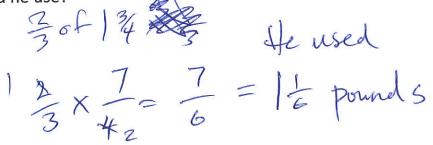
Solve each problem – answers should be in simplest form and includes words.

5. David raced two snails for minutes each. The first snail traveled 2 ¹/₃ inches and the second snail traveled 1 ½ inches How much further did the first snail travel than the second snail?





6. Sal bought 1 $\frac{3}{4}$ pound of cheese and used $\frac{2}{3}$ of the cheese to make a cassarole. How much cheese did he use?

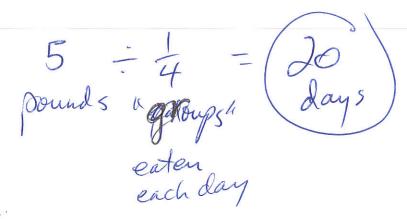


- 2 x 134

 Change to mproper first
- 7. Terry practiced the guitar $^2/_3$ hour on Monday and $^3/_4$ hour on Tuesday. What fraction of an hour did she practice in all?

$$\frac{2}{3} \times \frac{4}{4} = \frac{8}{12}$$
 She practiced $\frac{2}{3} \times \frac{4}{4} = \frac{17}{12} = \frac{17}{12} = \frac{15}{12}$ hours $\frac{3}{4} \times \frac{3}{3} = \frac{9}{12}$ $\frac{12}{12} \times \frac{12}{12}$

9. If a dog eats $\frac{1}{4}$ pound of food each day, how many days will it take for the dog to eat a 5-pound bag?



- 10. Mrs. Williams uses the following recipe for rice crispy treats.
 - 2 cups melted butter
 - 24 ounces of marshmallows
 - 13 cups of rice crispy cereal

How much of each ingredient will she need if she only makes $^{2}/_{3}$ of this recipe?

$$\frac{7}{3} \times 2^{12} = \frac{4}{3} = \frac{1}{3} \text{ molted butter}$$
 $\frac{7}{3} \times 2^{14} = \frac{48}{3} = \frac{16}{3} \text{ or marsh mellows}$
 $\frac{7}{3} \times 13 = \frac{26}{3} = 8\frac{3}{3} \text{ cups RC}$

11. When the rice crispy treats cool, Mrs. Williams cuts them into 30 equal pieces. She gives two-fifths of the treats to her son and takes the rest to school. How many treats will Mrs. Williams take to school?

