

Directions:

Provide students with math journals that have grids or grid paper. Have your students complete one or two of the task cards daily throughout unit.

For each word problem, make sure the students provide a model, equation, and an explanation. If this is your first time doing this, I would highly suggest modeling this numerous times.

Get all 20 task cards at Teachers Pay Teachers.

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Clip art from [Math and Science Made Easy](#)

1. Write three expressions that equal

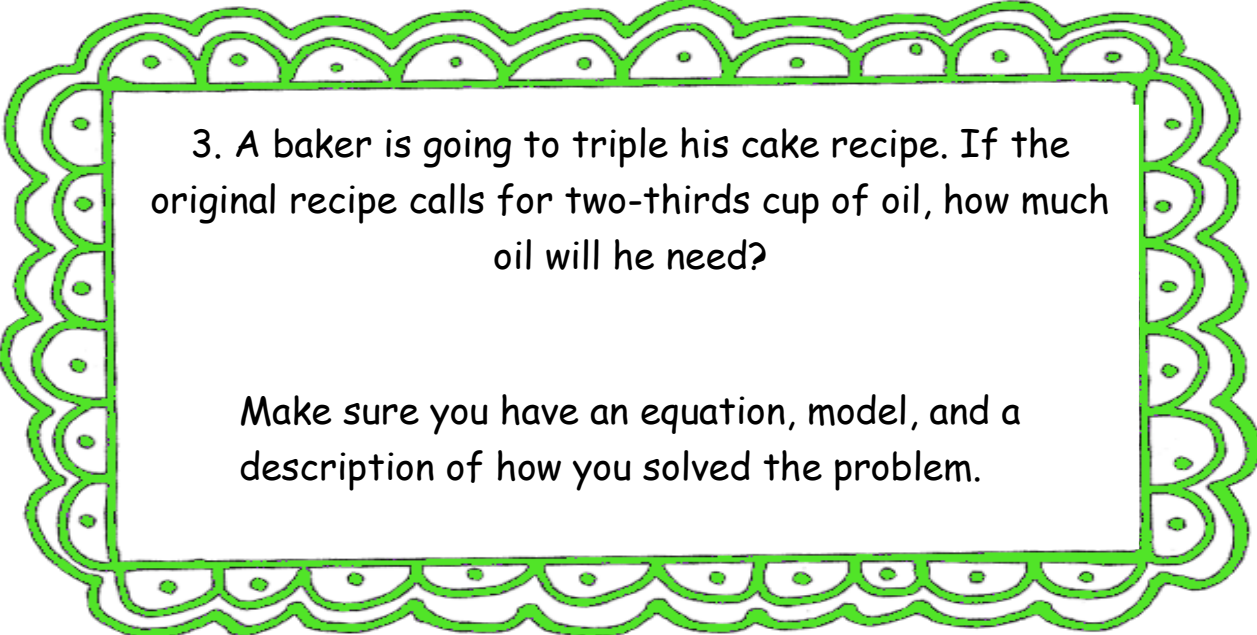
$$4 \times \frac{1}{3}$$

Draw a model for at least one.

(number line, area model, ect)

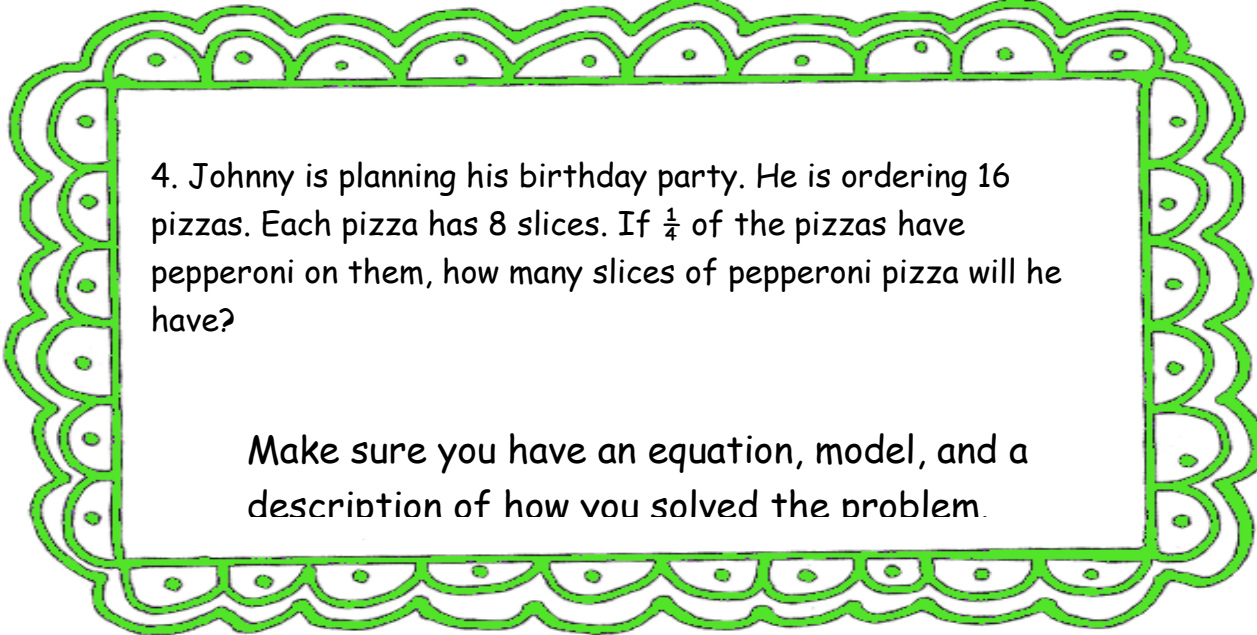
2. A farmer has 10 acers of land. He planted corn on $\frac{1}{5}$ of his land, and wheat on $\frac{1}{2}$. The rest he left for his cows to graze on. How many acers of land do the cows have to graze on?

Make sure you have an equation, model, and a description of how you solved the problem.



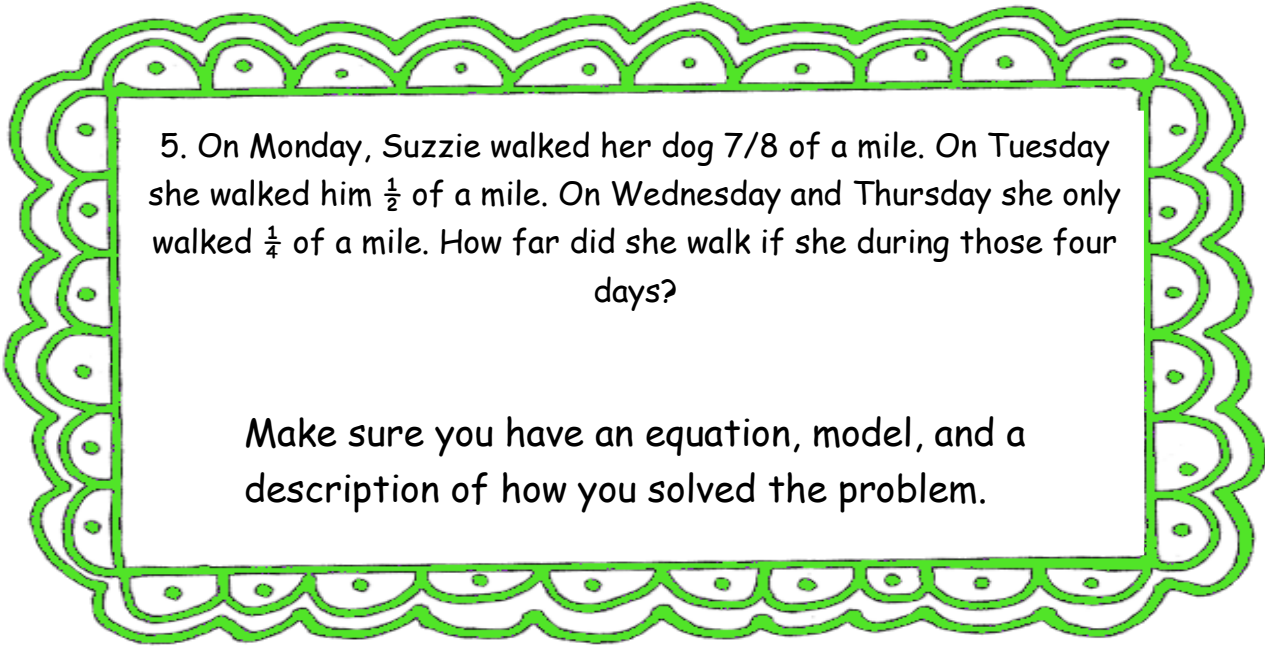
3. A baker is going to triple his cake recipe. If the original recipe calls for two-thirds cup of oil, how much oil will he need?

Make sure you have an equation, model, and a description of how you solved the problem.



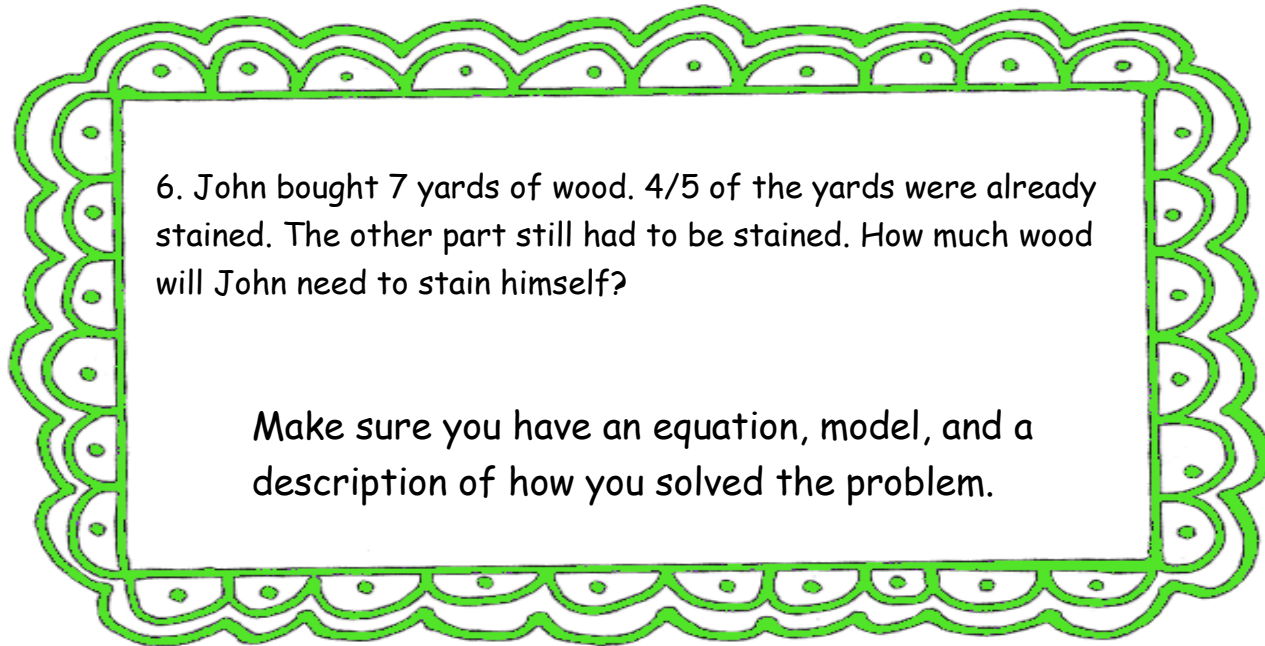
4. Johnny is planning his birthday party. He is ordering 16 pizzas. Each pizza has 8 slices. If $\frac{1}{4}$ of the pizzas have pepperoni on them, how many slices of pepperoni pizza will he have?

Make sure you have an equation, model, and a description of how you solved the problem.



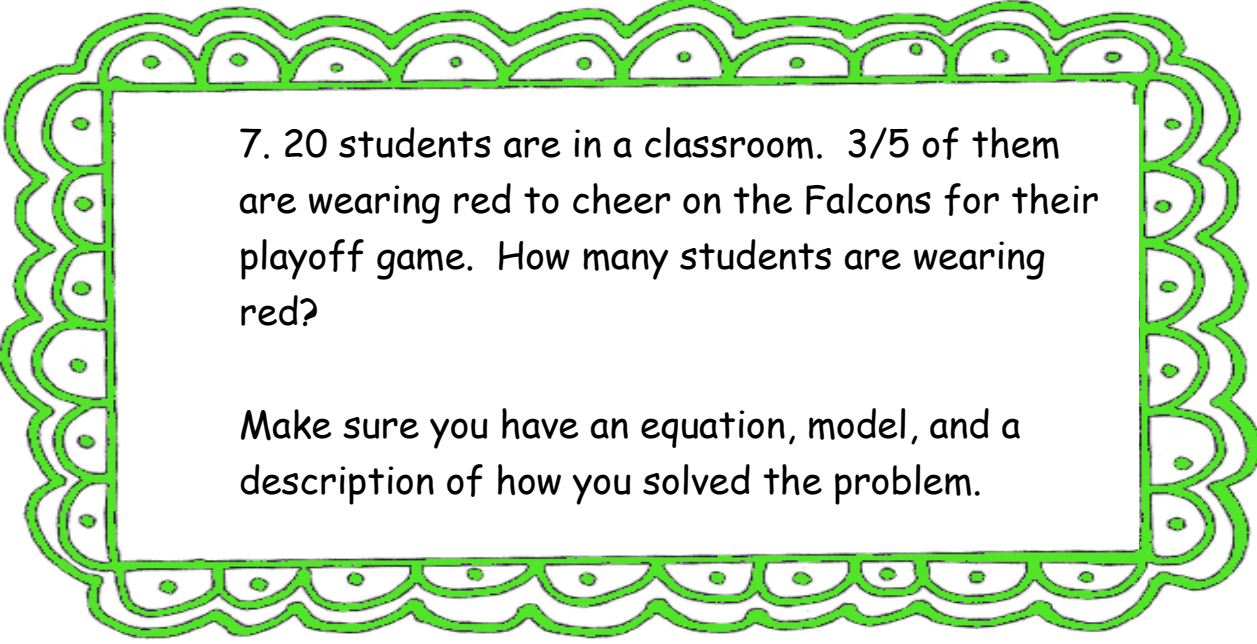
5. On Monday, Suzzie walked her dog $\frac{7}{8}$ of a mile. On Tuesday she walked him $\frac{1}{2}$ of a mile. On Wednesday and Thursday she only walked $\frac{1}{4}$ of a mile. How far did she walk if she during those four days?

Make sure you have an equation, model, and a description of how you solved the problem.



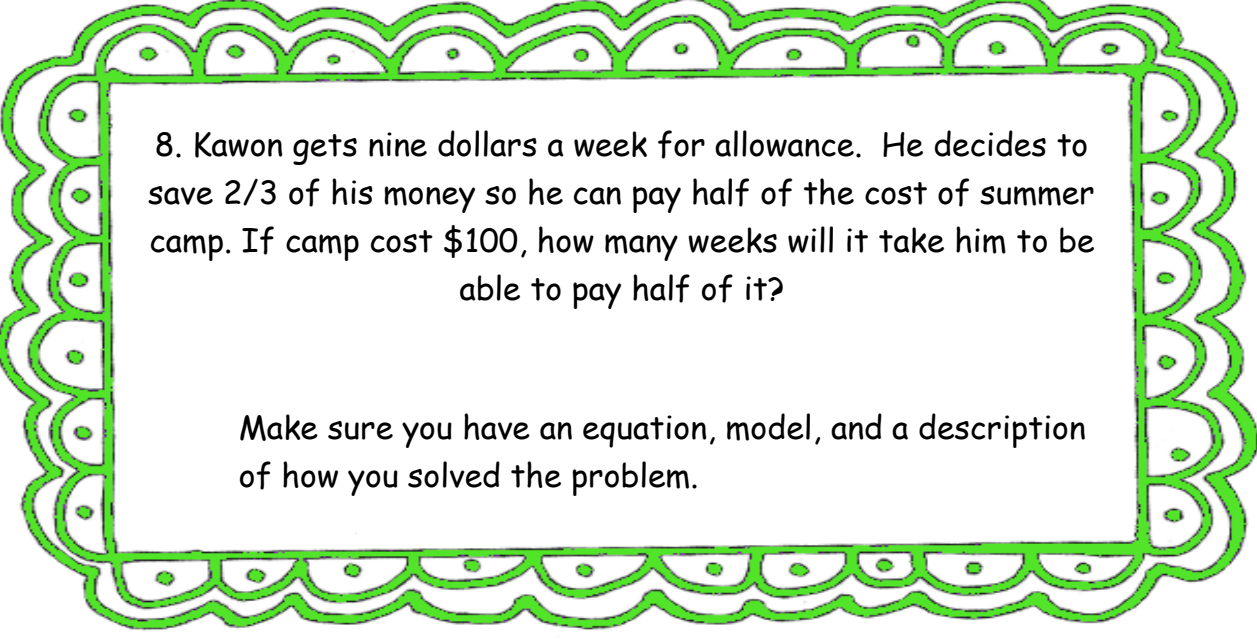
6. John bought 7 yards of wood. $\frac{4}{5}$ of the yards were already stained. The other part still had to be stained. How much wood will John need to stain himself?

Make sure you have an equation, model, and a description of how you solved the problem.



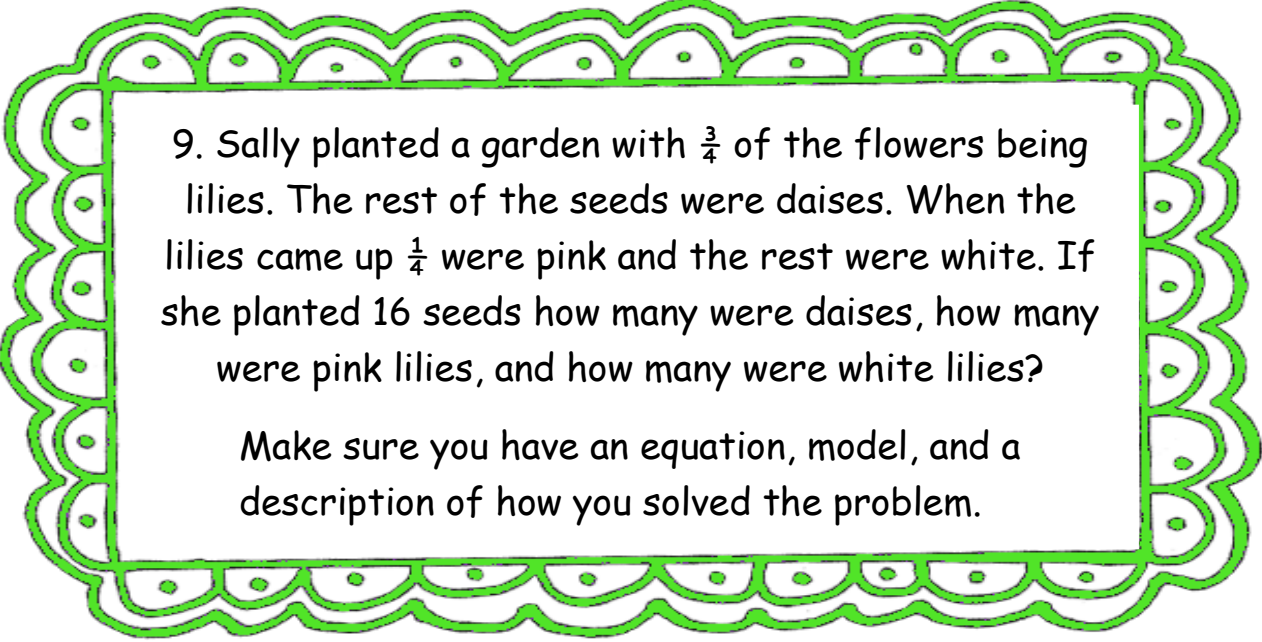
7. 20 students are in a classroom. $\frac{3}{5}$ of them are wearing red to cheer on the Falcons for their playoff game. How many students are wearing red?

Make sure you have an equation, model, and a description of how you solved the problem.



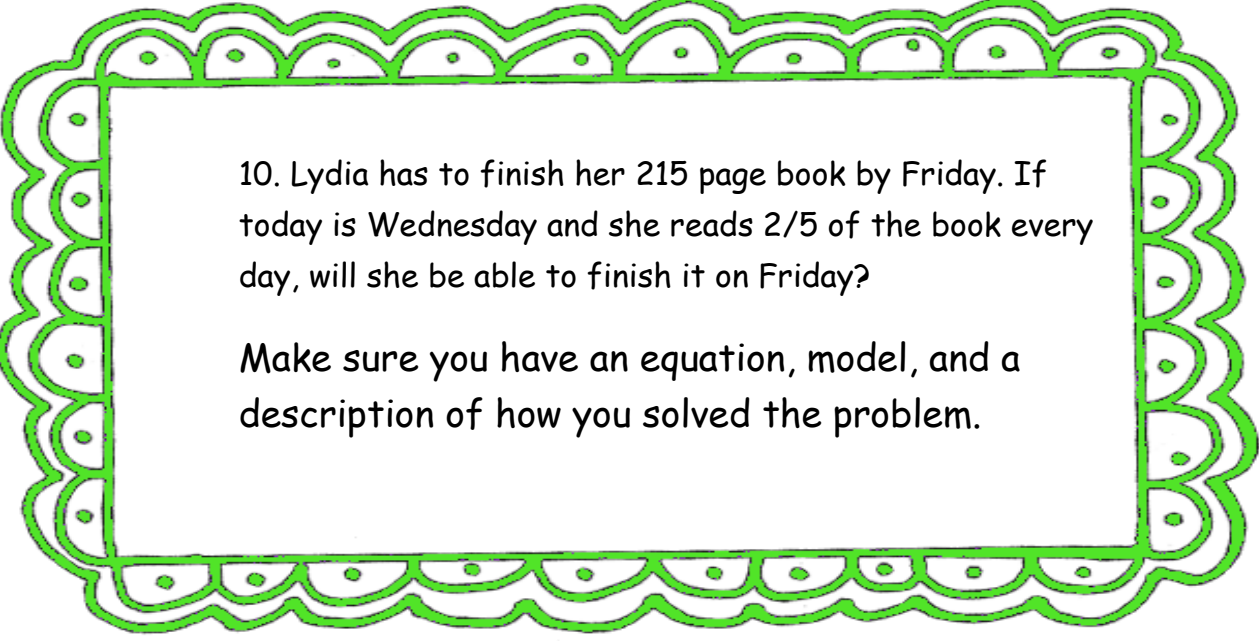
8. Kawon gets nine dollars a week for allowance. He decides to save $\frac{2}{3}$ of his money so he can pay half of the cost of summer camp. If camp cost \$100, how many weeks will it take him to be able to pay half of it?

Make sure you have an equation, model, and a description of how you solved the problem.



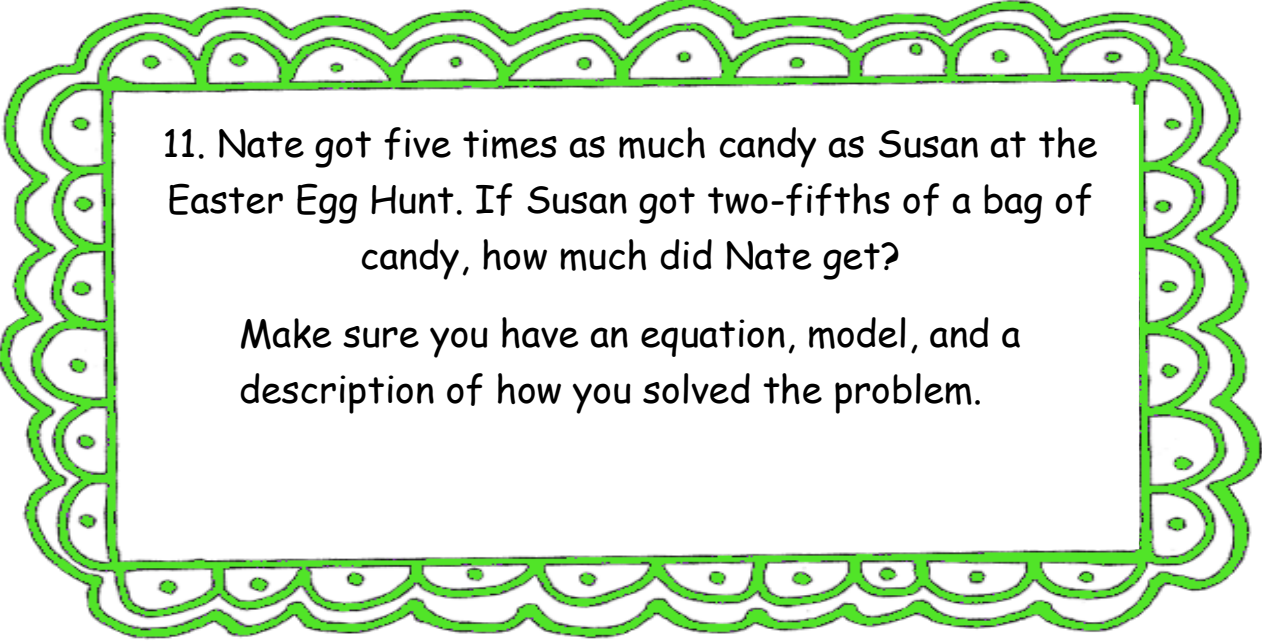
9. Sally planted a garden with $\frac{3}{4}$ of the flowers being lilies. The rest of the seeds were daises. When the lilies came up $\frac{1}{4}$ were pink and the rest were white. If she planted 16 seeds how many were daises, how many were pink lilies, and how many were white lilies?

Make sure you have an equation, model, and a description of how you solved the problem.



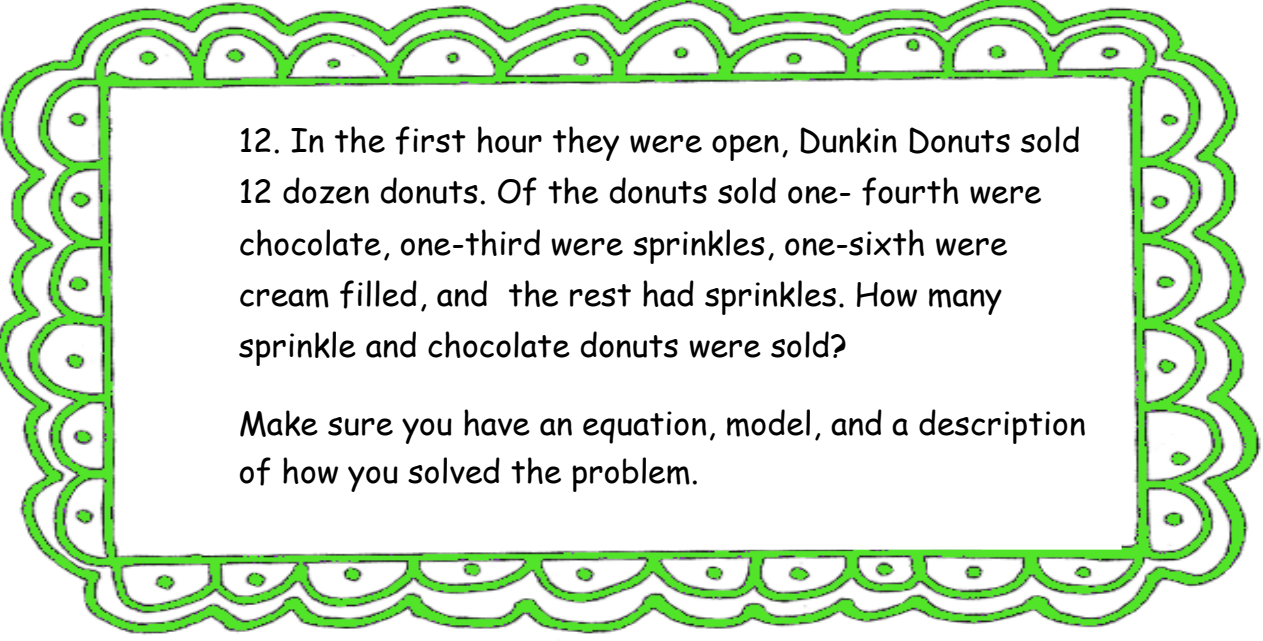
10. Lydia has to finish her 215 page book by Friday. If today is Wednesday and she reads $\frac{2}{5}$ of the book every day, will she be able to finish it on Friday?

Make sure you have an equation, model, and a description of how you solved the problem.



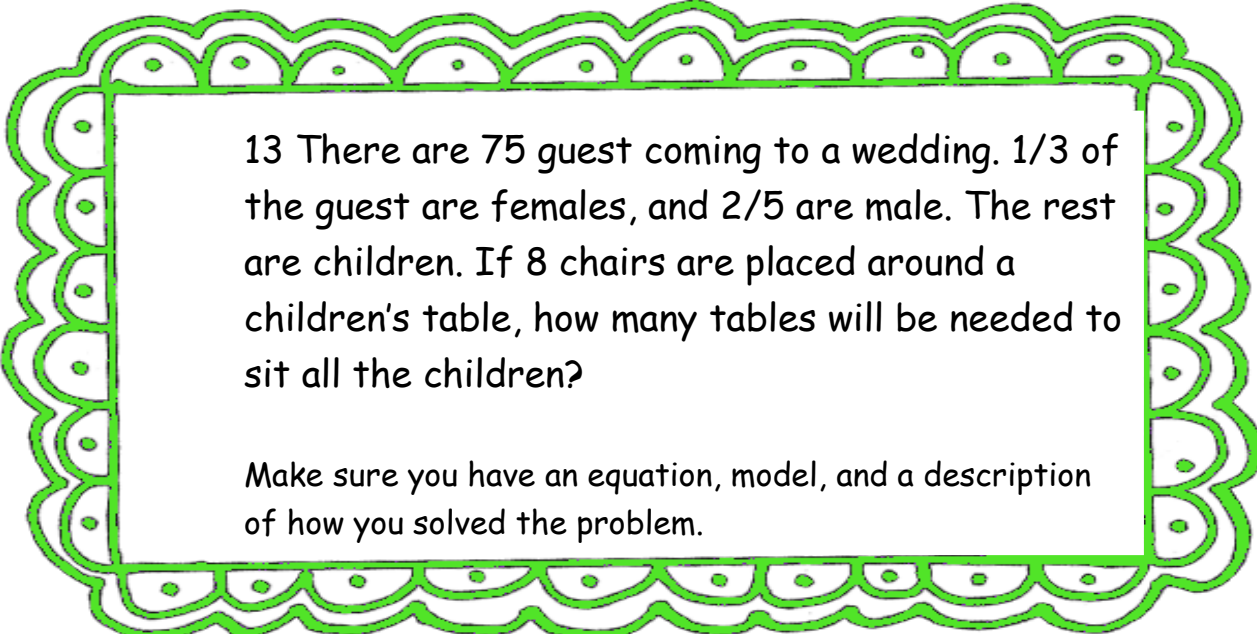
11. Nate got five times as much candy as Susan at the Easter Egg Hunt. If Susan got two-fifths of a bag of candy, how much did Nate get?

Make sure you have an equation, model, and a description of how you solved the problem.



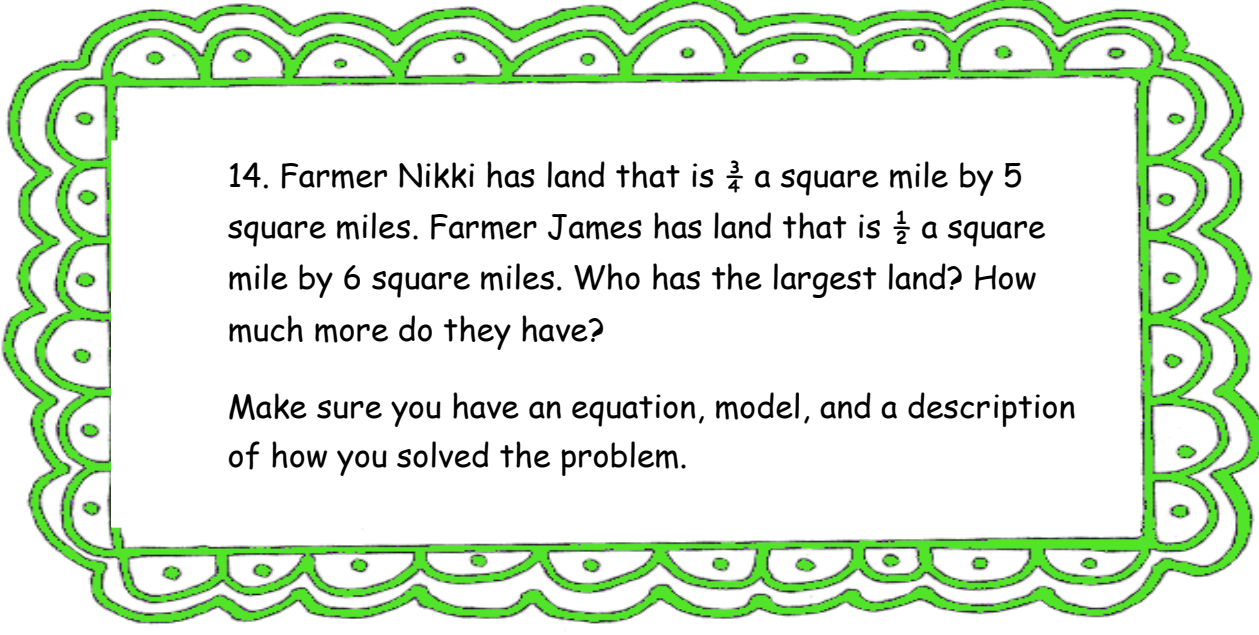
12. In the first hour they were open, Dunkin Donuts sold 12 dozen donuts. Of the donuts sold one-fourth were chocolate, one-third were sprinkles, one-sixth were cream filled, and the rest had sprinkles. How many sprinkle and chocolate donuts were sold?

Make sure you have an equation, model, and a description of how you solved the problem.



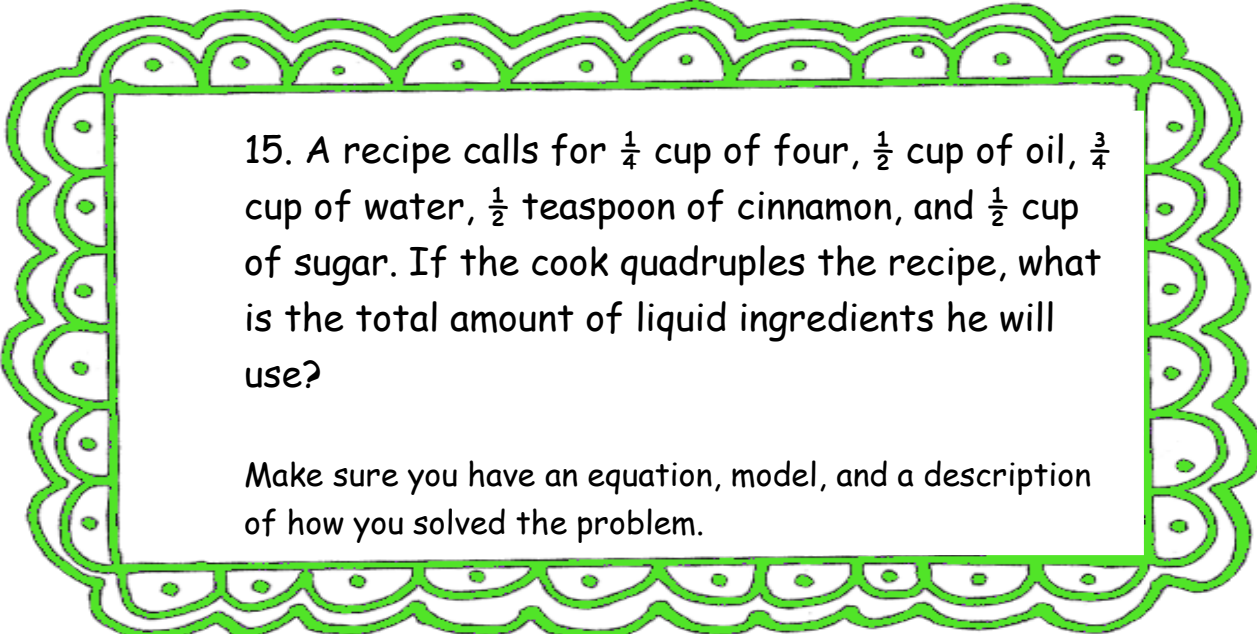
13 There are 75 guest coming to a wedding. $\frac{1}{3}$ of the guest are females, and $\frac{2}{5}$ are male. The rest are children. If 8 chairs are placed around a children's table, how many tables will be needed to sit all the children?

Make sure you have an equation, model, and a description of how you solved the problem.



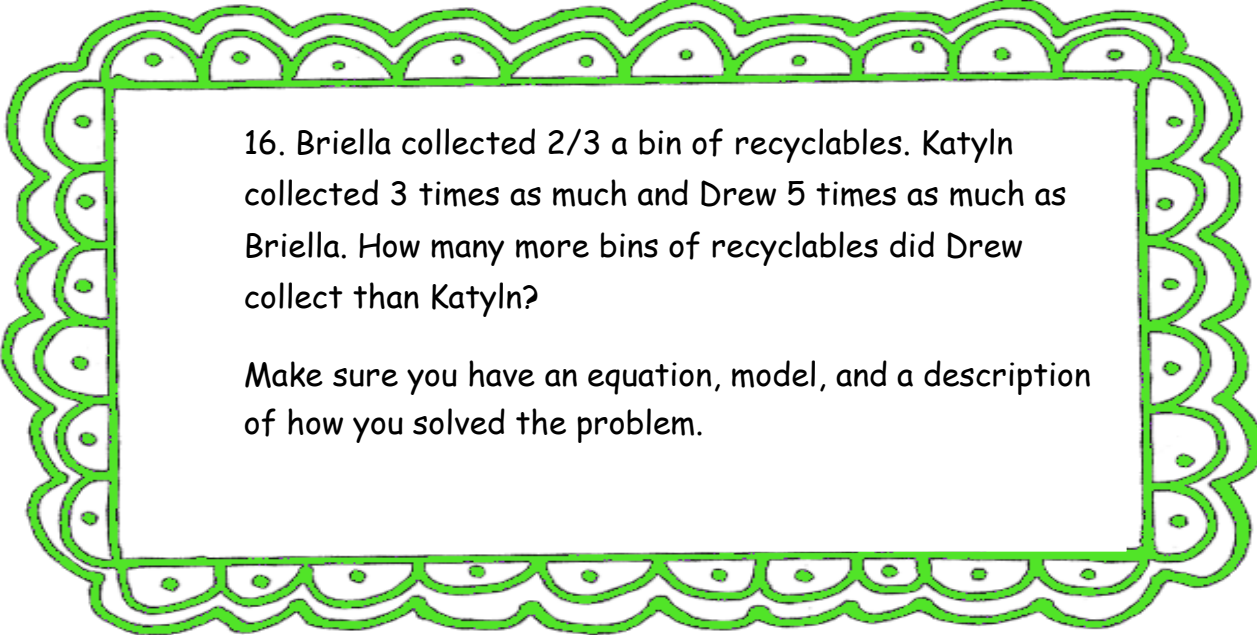
14. Farmer Nikki has land that is $\frac{3}{4}$ a square mile by 5 square miles. Farmer James has land that is $\frac{1}{2}$ a square mile by 6 square miles. Who has the largest land? How much more do they have?

Make sure you have an equation, model, and a description of how you solved the problem.



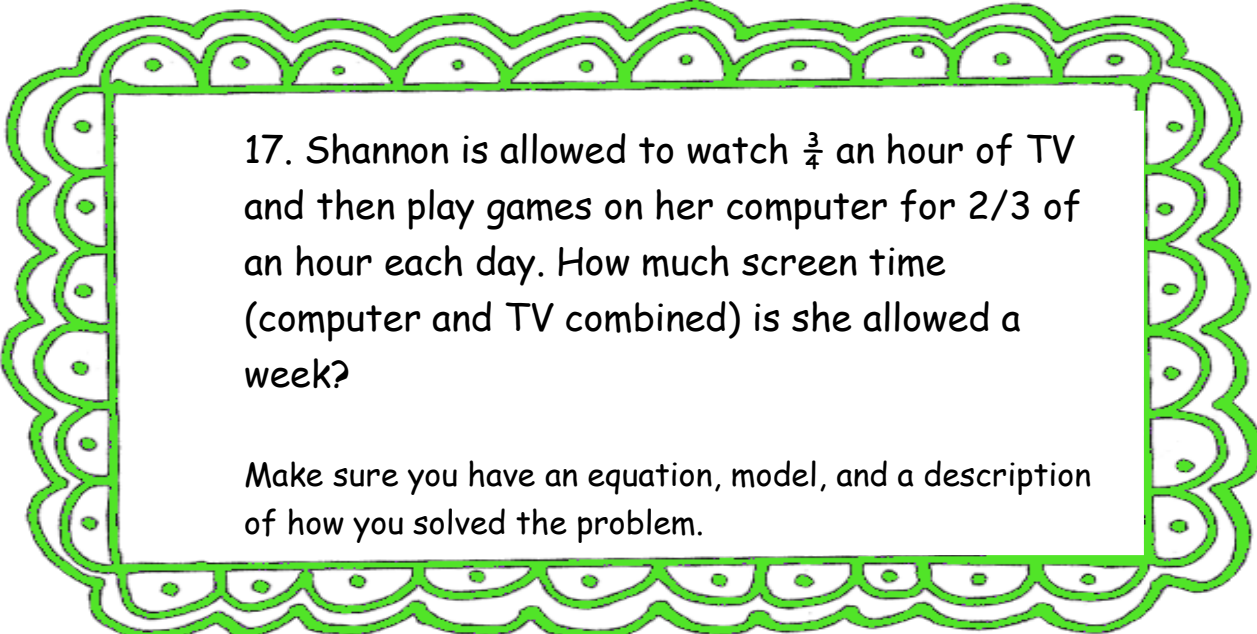
15. A recipe calls for $\frac{1}{4}$ cup of flour, $\frac{1}{2}$ cup of oil, $\frac{3}{4}$ cup of water, $\frac{1}{2}$ teaspoon of cinnamon, and $\frac{1}{2}$ cup of sugar. If the cook quadruples the recipe, what is the total amount of liquid ingredients he will use?

Make sure you have an equation, model, and a description of how you solved the problem.



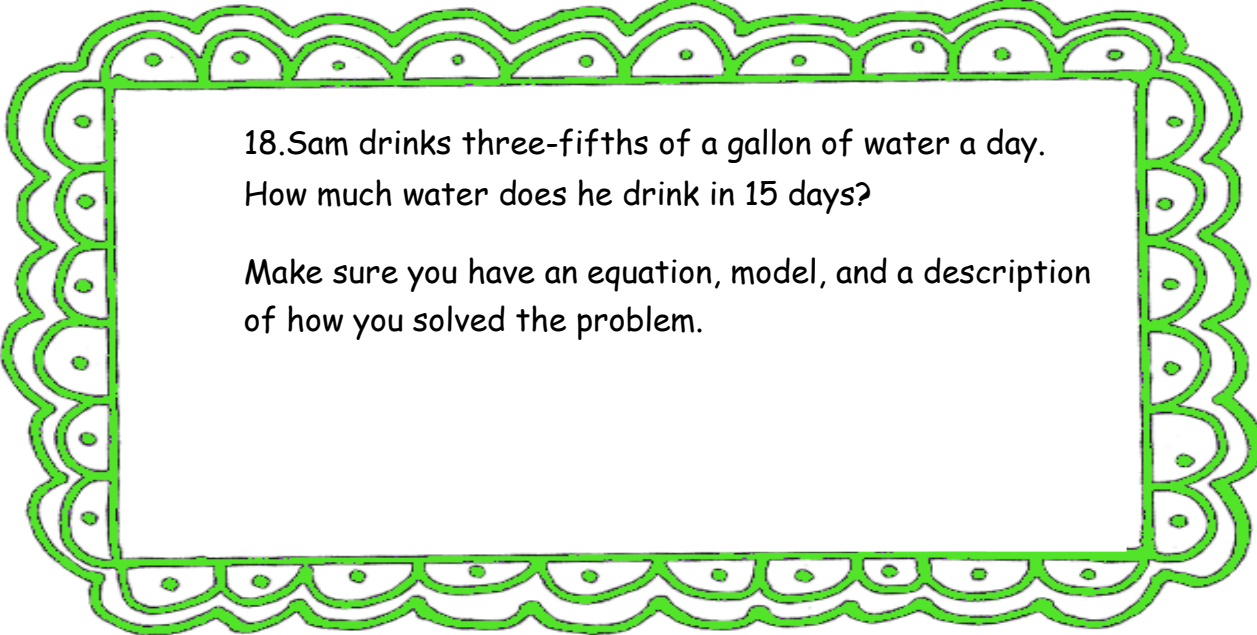
16. Briella collected $\frac{2}{3}$ a bin of recyclables. Katlyn collected 3 times as much and Drew 5 times as much as Briella. How many more bins of recyclables did Drew collect than Katlyn?

Make sure you have an equation, model, and a description of how you solved the problem.



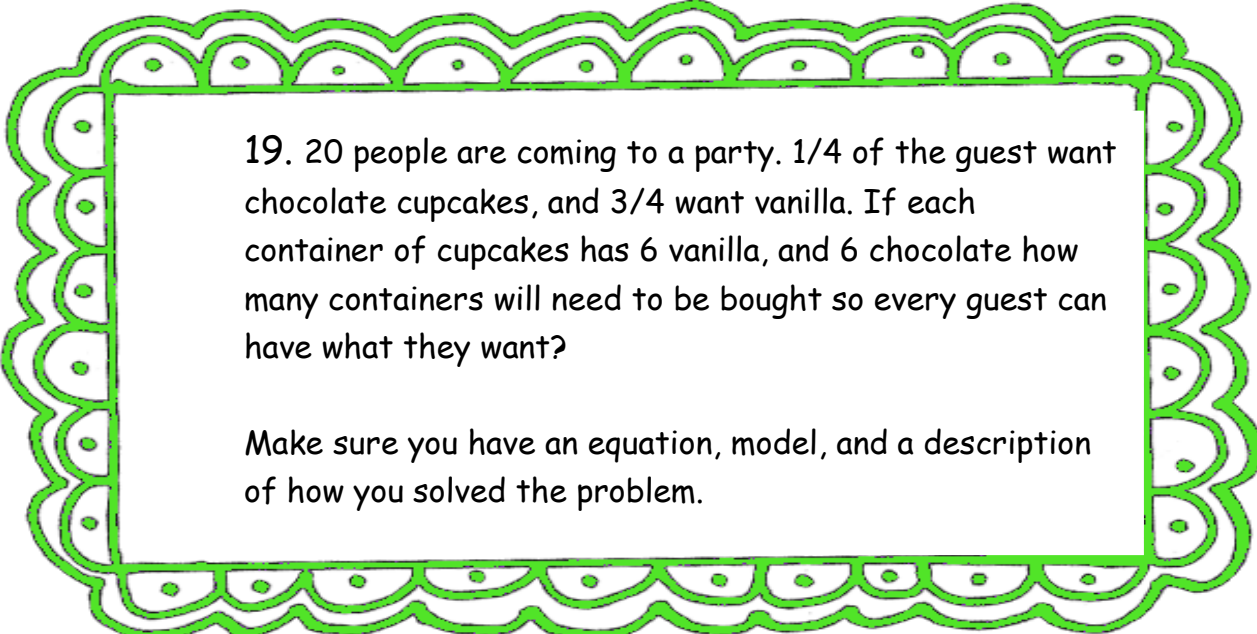
17. Shannon is allowed to watch $\frac{3}{4}$ an hour of TV and then play games on her computer for $\frac{2}{3}$ of an hour each day. How much screen time (computer and TV combined) is she allowed a week?

Make sure you have an equation, model, and a description of how you solved the problem.



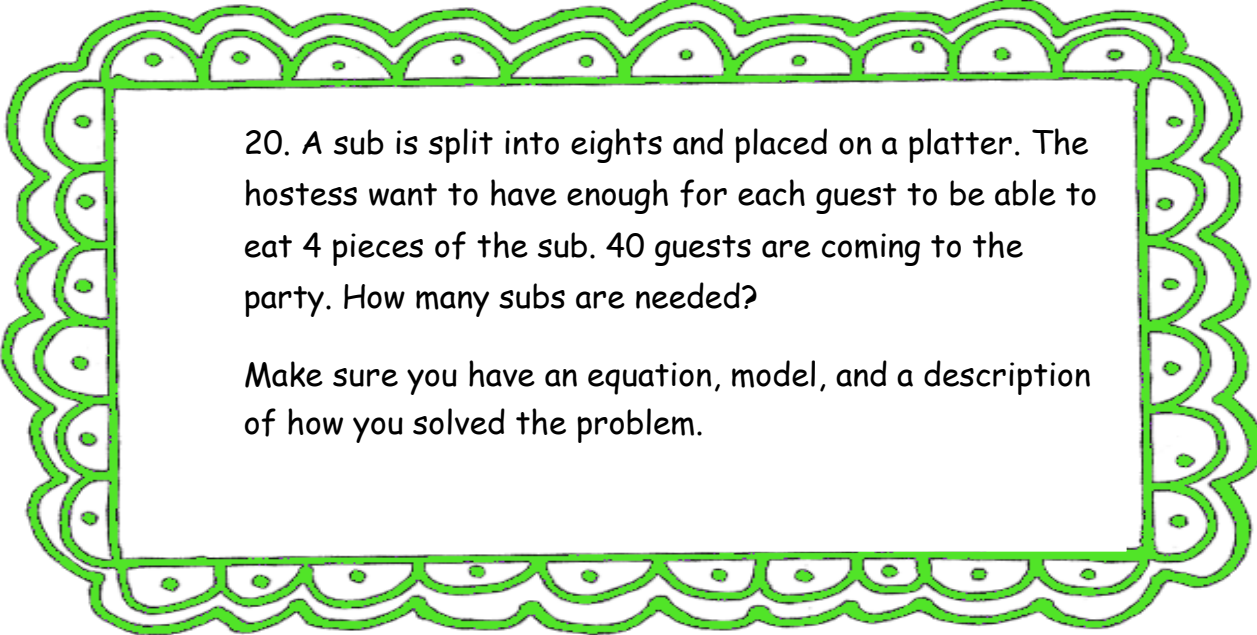
18. Sam drinks three-fifths of a gallon of water a day. How much water does he drink in 15 days?

Make sure you have an equation, model, and a description of how you solved the problem.



19. 20 people are coming to a party. $\frac{1}{4}$ of the guest want chocolate cupcakes, and $\frac{3}{4}$ want vanilla. If each container of cupcakes has 6 vanilla, and 6 chocolate how many containers will need to be bought so every guest can have what they want?

Make sure you have an equation, model, and a description of how you solved the problem.



20. A sub is split into eights and placed on a platter. The hostess want to have enough for each guest to be able to eat 4 pieces of the sub. 40 guests are coming to the party. How many subs are needed?

Make sure you have an equation, model, and a description of how you solved the problem.

Problem	Answers
1	Answers will vary one example may be $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$
2	3 acers
3	2 cups of oil
4	32 slices of pizza
5	1 $\frac{7}{8}$ miles
6	1 $\frac{2}{5}$ yards
7	20 students
8	9 weeks
9	3 pink lilies, 9 white lilies, 4 daises
10	Yes! She will read 86 pages on Wednesday, 86 pages on Thursday, and 43 on Friday.
11	2 bags of candy
12	36 chocolate and 36 sprinkles = 72 donuts
13	20 kids so 3 tables are needed
14	Nikki has $\frac{3}{4}$ a square mile more
15	5 cups
16	1 $\frac{1}{3}$ more
17	9 hrs and 55 min
18	9 gallons
19	3 containers
20	20 subs

