

Name: ..... Class: .....

Divide fractions and mixed numbers: word problems.

1. Frank was given punishment at school for disturbing in class. He completes  $\frac{3}{4}$  of his punishment in  $5\frac{1}{2}$  hours. How many hours does he need to finish the whole punishment? Write your answer as a mixed number.
2. John want to fill some bags with sand to block water from entering his farm. He has  $5\frac{1}{2}$  loads of sand. If he puts  $\frac{2}{3}$  of the load into each bag, how many bags can he fill?
3. Yesterday, Peter brought 50 boxes of vegetable oil to be distributed at a family reunion. He gave each person  $\frac{1}{2}$  a box of vegetable oil. How many people were at the family reunion?
4. The children's playground is opened every day for  $8\frac{1}{4}$  hours during the day. There are 5 cleaners and they clean the playground on shifts. If each shift is  $2\frac{1}{4}$  hours, how many shifts are there per day?
5. Clovis is a baker and he just got a very big contract to supply cakes to various bakeries in the city. He has  $15\frac{1}{2}$  cups of flour. This is just  $\frac{3}{4}$  of the number of cups he needs to bake the cakes. How many cups does he need?
6. Tess is left with just  $7\frac{1}{2}$  days to complete her internship report. If it usually takes her  $\frac{1}{2}$  a day to write and edit a page, how many pages can she write in the number of days she has left?
7. Doreen has a ribbon that is  $8\frac{1}{3}$  metres long. She needs to cut the ribbon into pieces that are  $1\frac{2}{3}$  of a metre long. How many pieces of ribbon can she cut out from the original ribbon?

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1. He needs  $7\frac{1}{3}$  hours to finish the whole punishment.

2. He can fill  $8\frac{1}{4}$  bags with  $5\frac{1}{2}$  loads of sand

3. There were 100 people at the reunion.

4. There are  $3\frac{2}{3}$  shifts per day.

5. He needs  $20\frac{2}{3}$  cups of flour.

6. She can write 15 pages in the number of days she has left.

7. She can cut  $6\frac{1}{4}$  pieces of ribbon.