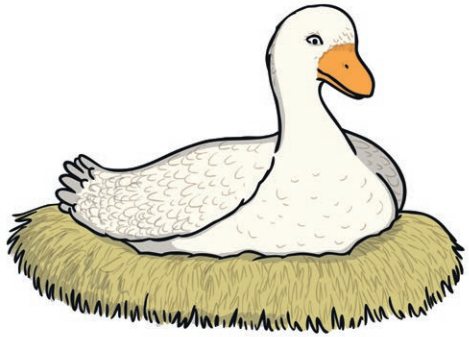
Christmas Fractions

Challenge Cards

1. On the sixth day of Christmas, there were six geese a laying. However, only a third of them were actually laying. How many geese were laying?

2. There were supposed to be 12 lords a leaping. Sadly, $\frac{1}{4}$ of them were ill in bed with the flu! How many lords were still able to leap?



3. Mrs Claus was making mince pies for the annual North Pole party. She made 48 mince pies. Three eighths of them were eaten in two minutes. How many were left?



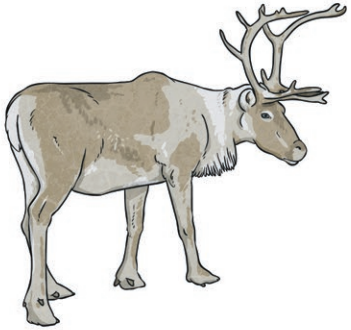
4. The fairies were creating their own Christmas dancing show. Luna was sewing sequins onto her dress. She needed 400 sequins altogether but had only sewn $\frac{2}{5}$ so far. How many sequins had she sewn?



5. 120 fairies had been invited to the show. $\frac{5}{6}$ turned up. How many were at the show?

6. Santa's sleigh is pulled by 12 reindeer at a time. Unfortunately, there is a reindeer cold going around. $\frac{3}{4}$ of the reindeer are poorly. How many reindeer are too ill to pull the sleigh?

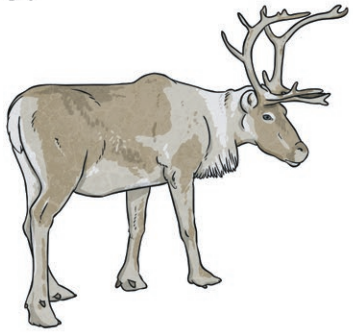
7. The reindeer need 150 shiny bells on their harness. $\frac{4}{5}$ are shiny, but the rest need cleaning. How many need cleaning?



8. Mackenzie and Milly are decorating their Christmas tree. They use 36 different baubles. $\frac{2}{6}$ are gold $\frac{3}{6}$ are silver. How many gold and silver baubles are there? How many other coloured baubles are there?



9. Sacks of reindeer food are sold in bags of 750g. One reindeer will eat three fifths of this amount in one meal. How much will that be?



10. For a little snack, reindeer also like willow leaves. If a bag of willow leaves weighs 230g, and a reindeer eats one fifth, how many grams will be left?

11. The elves use a lot of ribbon when wrapping the presents. They like things to look pretty. A roll of ribbon is 24m long. Seven eighths are used. How much is left?

12. The very fancy ribbon is only 4m long. If three fifths is used, how much is left?



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13. Mrs Linton makes 36 mini Christmas puddings for the school fair. She decorates four ninths with holly leaves and berries, and the rest with Santa faces. How many have holly leaves and berries? How many have Santa faces?



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14. Elvis the elf wants to buy a new hat. They cost 24 elf coins. He has saved $\frac{7}{8}$ of the amount he needs. How much does he still need to save?

15. At Santa's workshop, elves are allowed to wear either green hats or red hats. Out of 270 elves, $\frac{2}{3}$ wear red hats. How many wear green hats?



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16. Lily and Preneeta make a pile of 24 snowballs. Lily throws $\frac{2}{3}$ of them. How many does Preneeta throw?

17. If there had been 160 snowballs, and Preneeta had thrown five eighths of them, how many would Lily have thrown?



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Christmas Fractions **Answers**

1. 2
2. 9
3. 30
4. 160
5. 100
6. 9
7. 30
8. 12 gold, 18 silver, 6 other coloured.
9. 450g
10. 184g
11. 3m
12. 160cm/1.6m
13. 16 holly leaves and berries, 20 Santa faces.
14. 3 coins
15. 90
16. 8
17. 60