

$\frac{3}{18}$   
Grace's

$$\frac{1}{3}$$

Tricky

$$\frac{6}{6}$$

$$\frac{4}{12}$$

$$\frac{3}{9}$$

Holiday

$$\frac{4}{24}$$

$$\frac{2}{12}$$

$$\frac{2}{6}$$

Millie  
Parry



One day Grace woke up and was really happy because it was the summer holidays. She could see all her horses and look after all of the yard. Grace was extremely looking forward to feeding them all of the mints and carrots she had bought.



Pip  
wants  
 $\frac{3}{9}$

Alfie  
wants  
 $\frac{4}{12}$

Darcy  
Wants  
 $\frac{2}{6}$



She started to give out the carrots but pip said "I only want  $\frac{3}{9}$ ," then Alfie said I only want  $\frac{4}{12}$ ." Darcy neighed for attention and said, "can I have  $\frac{2}{6}$  of the carrots?" The problem was Grace didn't know what they meant so she had to figure it out. Grace eventually drew it out.



$$\frac{4}{12}$$

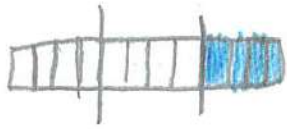
$$\frac{2}{6}$$

$$\frac{3}{9}$$



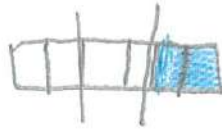
All of a sudden Grace just remembered learning about equivalent fractions on her last day of school and how to work it out. She then drew out some rectangles and did her calculation.

$$\frac{4}{12}$$



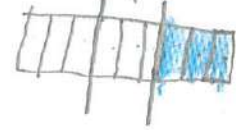
$$\frac{1}{3}$$

$$\frac{2}{6}$$



$$\frac{1}{3}$$

$$\frac{3}{9}$$



$$\frac{1}{3}$$



After doing the calculation she just realized that all:  $\frac{2}{6}$ ,  $\frac{4}{12}$  and  $\frac{3}{9}$  are equal to  $\frac{1}{3}$ . Which was good because she had 3 carrots to give. After giving out one carrot to each horse the horse's said "Thankyou." she felt very proud of her self.





Two days later Grace came up with 6 mints to share between Pip, Darcy and Alfie. She felt pretty confident about giving them the mints out as she knew how to work it out.

An hour later, after the ponies were ride she was allowed to feed them her treats. There was only one problem Pip, Darcy and Alfie were all shouting out different fractions. Pip wanted  $\frac{2}{12}$ , Alfie wanted  $\frac{4}{24}$  and Darcy wanted  $\frac{3}{18}$ .



Ayie

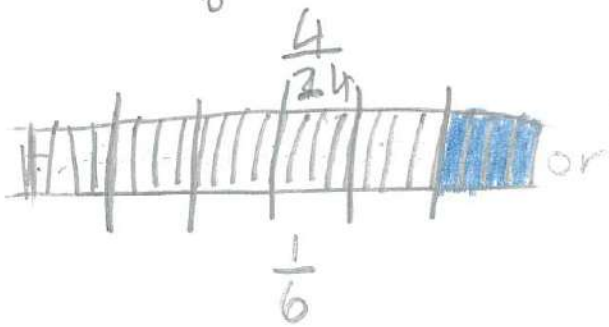
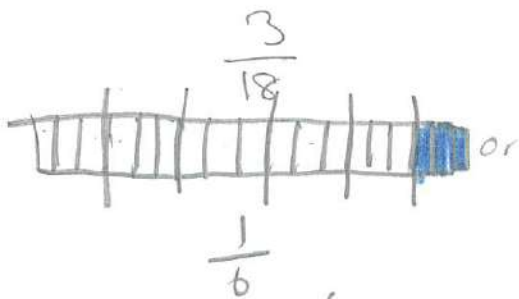
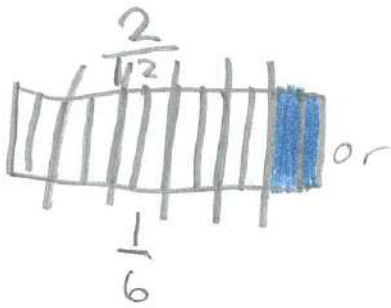
$$\frac{4}{24}$$

Pip

$$\frac{2}{12}$$

Darcy

$$\frac{3}{18}$$



Grace immediately knew what to do. She had to draw out the calculation then work out how much they want each. Grace said hurriedly, "I know what to do. I will be a moment." The ponies reigned in disappointment.



$$\begin{array}{r} 4 \\ \hline 24 \\ \text{is the} \\ \text{same} \\ \text{as} \\ \hline 6 \end{array}$$

$$\begin{array}{r} 2 \\ \hline 12 \\ \text{is the} \\ \text{same} \\ \text{as} \\ \hline 6 \end{array}$$

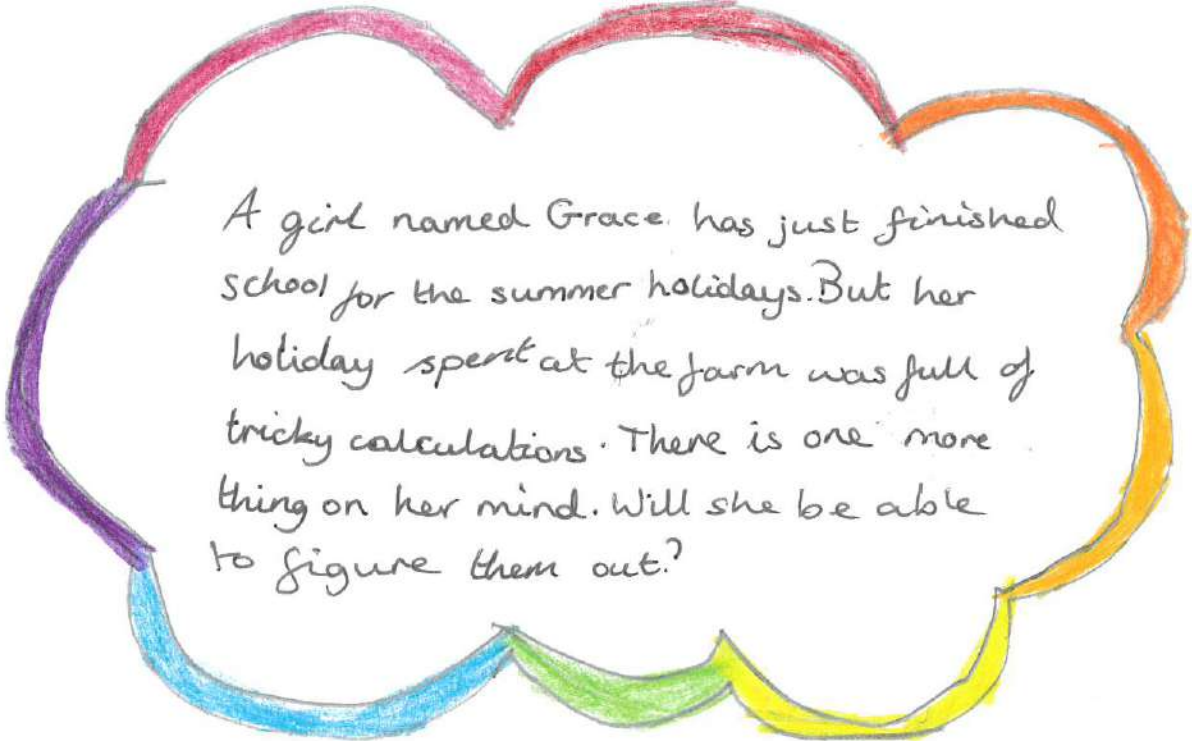
$$\begin{array}{r} 3 \\ \hline 18 \\ \text{is the} \\ \text{same} \\ \text{as} \\ \hline 6 \end{array}$$

so they get 1 carrot each.



Once Grace had done her calculations she then realized that they all had something to do in common, which was that they all the fractions were equivalent to  $\frac{1}{6}$ . So she gave all of treats to Pip, Darcy and Alyce, who all were very hungry and pleased to have a treat. Grace even had 3 left over for the next day.





A girl named Grace has just finished school for the summer holidays. But her holiday spent at the farm was full of tricky calculations. There is one more thing on her mind. Will she be able to figure them out?

