

Fractions Greater than 1

1. Fraser, Dalia, Anderson and Julia have been sharing food at their party. They can't remember how many whole plates of food they started with, but they can remember the fraction that they each ate.



Fraser

I ate more than one whole plate but less than two and a half plates.

I had between $\frac{5}{6}$ of a plate and one and a half plates.



Dalia



Julia

I ate the least amount of food, but I still ate more than a whole plate.

I ate more food than Julia, but less food than Fraser. I ate at least one full plate and a sixth.



Anderson

Investigate the fraction of plates of food that each child could have eaten.

Various answers, for example: Fraser: $1\frac{5}{6}$ plates; Dalia: $\frac{9}{6}$ of a plate; Julia: $\frac{8}{6}$ of a plate; Anderson: $\frac{10}{6}$ of a plate.

DP

2. Use the digit cards to create different fractions and sort them into the boxes below. You can use each number card more than once.

Fractions less than one

$$\frac{12}{30} \quad \frac{7}{17}$$

Fractions equal to a whole
number greater than 1

$$\frac{8}{4} \quad \frac{6}{3}$$

Fractions greater than one

$$\frac{16}{10} \quad \frac{15}{9} \quad \frac{18}{11}$$

12

4

8

10

16

15

9

6

7

30

17

11

18

3

Investigate the different fractions that can be made and sort them correctly.

Various answers, some examples are shown in the boxes above.

DP