

Fractions of an amount 27th January 2021

A. Starter activity

Find the difference between

1. $\frac{1}{4}$ of 12 and $\frac{1}{3}$ of 15

2. $\frac{1}{5}$ of 45 and $\frac{1}{4}$ of 40

3. $\frac{1}{6}$ of 72 and $\frac{1}{3}$ of 54

4. $\frac{1}{7}$ of 42 and $\frac{1}{4}$ of 36

5. $\frac{1}{10}$ of 90 and $\frac{1}{8}$ of 56

6. $\frac{1}{5}$ of 100 and $\frac{1}{4}$ of 100

Set out your working-out like this:

1. $12 \div 4 = 3$ $15 \div 3 = 5$

The difference between 5 and 3 = 2

2.

3.

4.

5.

6.

B. Now download your main activity from the P6 Home Learning page - choose one of the two levels

C. Final challenge - can you work out the answers to these word problems?
Read each question very carefully please!

1. In a class of 32, $\frac{1}{4}$ are absent. Of those present, $\frac{1}{3}$ are boys. How many girls are present?



2. Snappy the crocodile was born with 40 teeth. He lost $\frac{1}{5}$ of his teeth in his first year, and another $\frac{1}{4}$ of those left in the next year. How many teeth does he have left now?



3. Sarita bought a tin of 60 fruit gums. She kept $\frac{1}{3}$ for herself, gave $\frac{1}{4}$ to her sister and $\frac{1}{5}$ to her brother. How many are left for her mum and dad?