

25.2.21

L.O. To calculate fractions of an amount

1. Complete the calculations.

a) $\frac{1}{3}$ of 27 = b) $\frac{1}{3}$ of 72 = c) $\frac{1}{3}$ of 90 =

$\frac{2}{3}$ of 27 = $\frac{1}{6}$ of 72 = $\frac{2}{6}$ of 90 =

$\frac{3}{3}$ of 27 = $\frac{1}{12}$ of 72 = $\frac{3}{9}$ of 90 =

What patterns do you notice?

2. Match the calculations to the correct amounts.

$\frac{5}{8}$ of 48

32

$\frac{2}{3}$ of 48

40

$\frac{5}{6}$ of 48

30

$\frac{3}{4}$ of 48

36

3. Write <, > or = to compare the calculations.

a) $\frac{5}{7}$ of 56 $\frac{5}{8}$ of 56

c) $\frac{2}{3}$ of 63 $\frac{5}{8}$ of 64





















b) $\frac{4}{7}$ of 56 $\frac{5}{8}$ of 56

d) $\frac{7}{10}$ of 350 $\frac{5}{7}$ of 350

4.
165 children and adults go on a school trip.
Two thirds of the people are children.
a) How many adults are on the school trip?

b) $\frac{3}{5}$ of the children are boys.
How many boys are on the school trip?

c) $\frac{7}{10}$ of the children have an apple for lunch.
How many children do **not** have an apple for lunch?

5.
320 people were asked about their favourite flavour of ice cream.
Here is a pictogram showing the results.
- | | |
|----------------|---|
| vanilla |      |
| strawberry |      |
| chocolate |    |
| mint choc chip |        |
- a) How many people chose mint choc chip?
- b) How many more people chose vanilla than chocolate?