1) a)
$$\frac{1}{5}$$
 of 30 = 6

b)
$$\frac{1}{8}$$
 of 72 = 9

$$\frac{2}{5}$$
 of 30 = 12

$$\frac{3}{8}$$
 of 72 = **27**

$$\frac{4}{5}$$
 of 30 = **24**

$$\frac{7}{8}$$
 of 72 = **63**

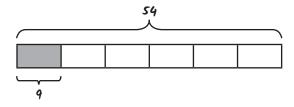
2) a)
$$\frac{1}{6}$$
 of 54 = 9

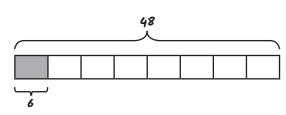
$$\frac{5}{6}$$
 of 54 = **45**

b)
$$\frac{1}{8}$$
 of 48 = 6

$$\frac{5}{8}$$
 of 48 = **30**

$$\frac{7}{8}$$
 of 48 = **42**





3) a)
$$\frac{2}{5}$$
 of 1.25l = 500ml

b)
$$\frac{4}{9}$$
 of 81kg = **36kg**

c)
$$\frac{3}{4}$$
 of 1m = 75cm

We divide the amount by the denominator to find one part.
We multiply the answer by the numerator to find the correct number of parts.



- 2) a) 66
 - b) 44
- 3) Accept any word problem that includes the calculation $\frac{3}{8}$ of 48 = 18 or $\frac{5}{8}$ of 48 = 30.
- 1) Miss Cooper has 32 glue sticks.

$$\frac{3}{8} = 12$$

$$\frac{1}{8} = 4$$

$$\frac{s}{8} = 20$$

$$20 + 12 = 32$$

2) Computers - £1000

3) a) $\frac{2}{3}$ of 6 = 4, $\frac{2}{4}$ of 6 = 3

b)
$$\frac{2}{3}$$
 of $9 = 6$, $\frac{3}{9}$ of $6 = 2$

c)
$$\frac{1}{4}$$
 of $8 = 2$, $\frac{1}{2}$ of $8 = 4$, $\frac{2}{8}$ of $4 = 1$, $\frac{4}{8}$ of $2 = 1$

