

### Wednesday Yellow Challenge

Nijah uses a bar model and place value counters to find  $\frac{1}{3}$  of 36



Use Nijah's method to complete the calculations.

a)  $\frac{1}{3}$  of 96

b)  $\frac{1}{5}$  of 60

c)  $\frac{1}{4}$  of 52

a)  $\frac{2}{3}$  of  = 30

b)  $\frac{3}{4}$  of  = 30

c)  $\frac{5}{6}$  of  = 30

Which amount is greater?

Match the questions and answers.

$\frac{2}{3}$  of 9 = ?

$\frac{3}{5}$  of 15 = ?

$\frac{5}{6}$  of 12 = ?

$\frac{3}{4}$  of 20 = ?

9

Show your workings.

7



Tommy

To find  $\frac{3}{4}$  of 12, you divide by 4 and then multiply the answer by 3

To find  $\frac{3}{4}$  of 12, you divide by 3 and then multiply the answer by 4



Dexter

Who is correct?

How do you know? Show your working.

Dora, Whitney and Ron each find a fraction of 24 using counters.



Dora

I have  $\frac{5}{6}$  of 24



I have 18 counters.



Whitney

I have  $\frac{2}{3}$  of 24

a) Who has the most counters? Show your workings.

b) How many more counters does Dora have than Whitney?