Good morning, Year 3s.

For maths today, go to White Rose maths at https://whiterosemaths.com/homelearning/year-3/ Find Summer Term - Week 6 - Lesson 4. Watch the video called 'Fractions of a set of objects 2' and complete the worksheets below. (The answers are at the end).

When you have finished, I have set a task for you on Sumdog.

Fractions of a set of objects (2)
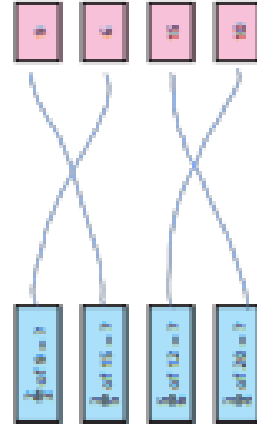
White Rose Maths

1 Draw counters in the bar models to help you complete each number sentence.

a) $\frac{2}{3}$ of 15 = ☐

b) $\frac{3}{4}$ of 8 = ☐

c) $\frac{2}{5}$ of 20 = ☐

2 Match the questions and answers.

$\frac{2}{3}$ of 9 = ?		9
$\frac{3}{5}$ of 15 = ?		6
$\frac{5}{6}$ of 12 = ?		15
$\frac{3}{4}$ of 20 = ?		10

3 What is $\frac{6}{6}$ of 18? ☐

How do you know?

4 Brett uses a bar model and base 10 to find $\frac{2}{3}$ of 36
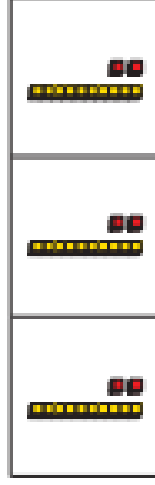
Use Brett's method to complete the number sentences.

a) $\frac{2}{3}$ of 63 = ☐

b) $\frac{3}{4}$ of 48 = ☐

c) $\frac{3}{4}$ of 92 = ☐

5 Kim uses a bar model and place value counters to find $\frac{2}{3}$ of 36

Use Kim's method to complete the number sentences.

a) $\frac{2}{3}$ of 96 = ☐

b) $\frac{3}{5}$ of 60 = ☐

c) $\frac{3}{4}$ of 52 = ☐

© White Rose Maths 2019

6 Complete the number sentences.

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

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

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

7

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

Dexter: To find $\frac{3}{4}$ of 12, you divide by 3 and then multiply the answer by 4
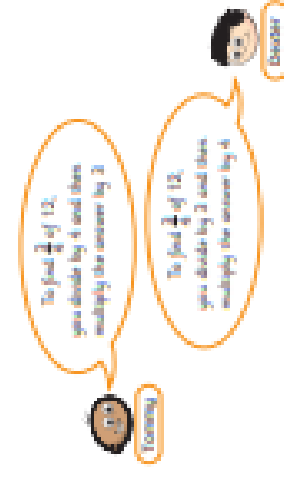
Who is correct? _____

How do you know? Show your working.

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

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

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

Ron: I have 18 counters.

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

_____

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

$\boxed{}$

9 Write fractions to make the statements correct.

$\boxed{}$ of 36 < 18

$\boxed{}$ of 36 = 18

$\boxed{}$ of 36 > 18

How many different answers can you find for each? Compare with a partner.

Answers

Fractions of a set of objects (2)