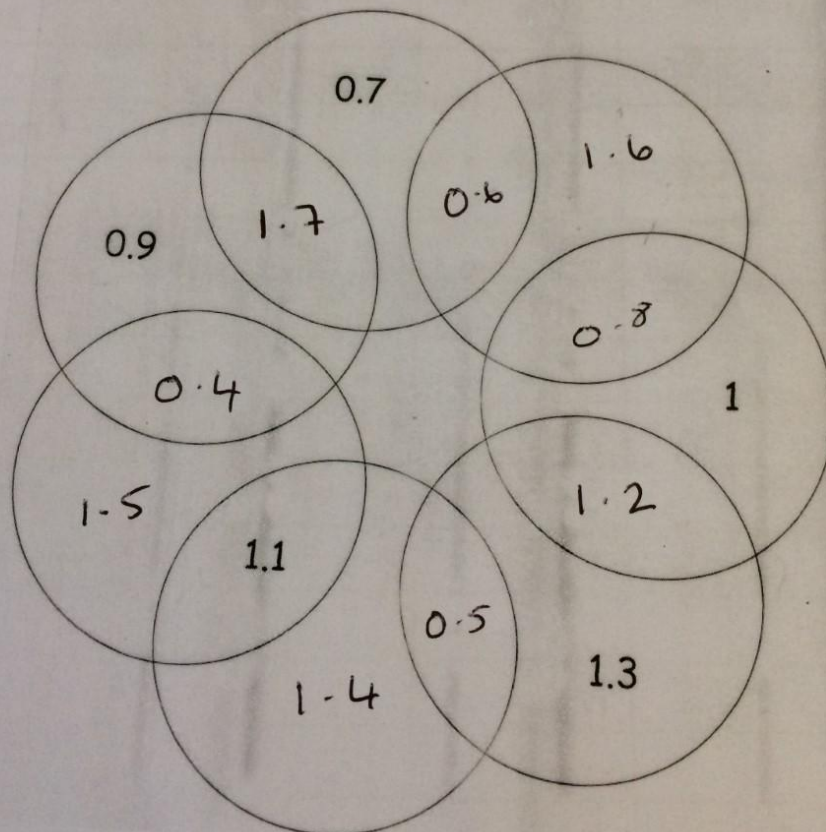challenge: Make the total inside each circle (like a Venn Diagram) add up to 3.
umbers in the 9 circles below to fill in all of the empty sections. You can only u
er once and all numbers must be used

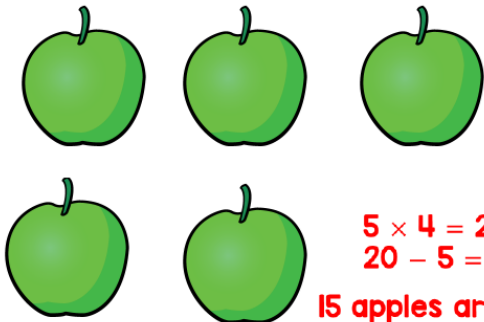## Make each circle add up to 3

0.7

1.6

0·6

0.9

1.7

0·8

0·4

1

1·5

1.2

1.1

0·5

1.3

1·4

Problems of the Day 2020

1 In a box

- $\frac{1}{4}$ of the apples are green.
- The rest are red.
- There are 5 green apples.

How many apples are red?

$5 \times 4 = 20$
$20 - 5 = 15$

15 apples are red.

2 Amir has 10 cartons of juice.

Each carton holds 2 litres of juice.

How much juice is in 7 cartons?

$7 \times 2 = 14$

7 cartons hold 14 litres of juice.

White Rose Maths

Problems of the Day 2020

1 On a bookcase

- $\frac{5}{8}$ of the books are fiction books.
- The rest are non-fiction.
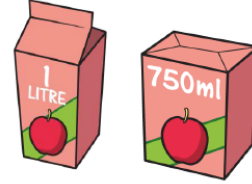- There are 72 non-fiction books.

How many books are fiction?

Non-fiction $= \frac{3}{8}$

$72 \div 3 = 24$
$24 \times 5 = 120$

120 books are fiction.

2 Amir has two cartons of apple juice.

1 LITRE   750ml

He shares all the juice equally between these glasses.

$1,750 \div 5 = 350$

How much apple juice does he pour into each glass?

He pours 350 ml into each glass.

White Rose Maths