# MAKE A WHOLE

# GET READY

1) Complete these number bonds to 10

$8 + \square$ $1 + \square$

$\square + 4$ $\square + 5$

$2 + \square$ $10 + \square$

2) Complete these number bonds to 100

$80 + \square$ $\square + 10$

$82 + \square$ $\square + 33$

$\square + 98$ $11 + \square$

3) How many tenths in 1 whole?

How many hundredths in 1 whole?

How many hundredths in 1 tenth?

1) Complete these number bonds to 10

$8 + \boxed{2}$ $\quad$ $1 + \boxed{9}$

$\boxed{6} + 4$ $\quad$ $\boxed{5} + 5$

$2 + \boxed{8}$ $\quad$ $10 + \boxed{0}$

2) Complete these number bonds to 100

$80 + \boxed{20}$ $\quad$ $\boxed{90} + 10$

$82 + \boxed{18}$ $\quad$ $\boxed{67} + 33$

$\boxed{2} + 98$ $\quad$ $11 + \boxed{89}$

3) How many tenths in 1 whole? 10

How many hundredths in 1 whole? 100

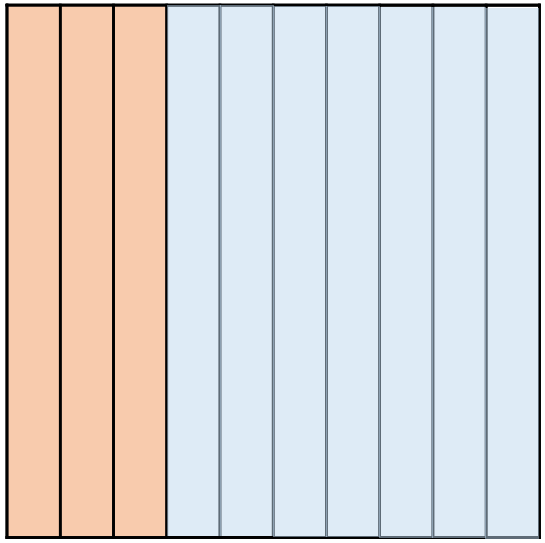
How many hundredths in 1 tenth? 10

# LET'S LEARN

White Rose Maths

The square represents 1 whole.

Each column represents 1 tenth



How much of the whole is shaded?

| Fraction | Decimal |
| --- | --- |
| $\frac{3}{10}$ | 0.3 |

How much needs to be shaded to fill the whole?

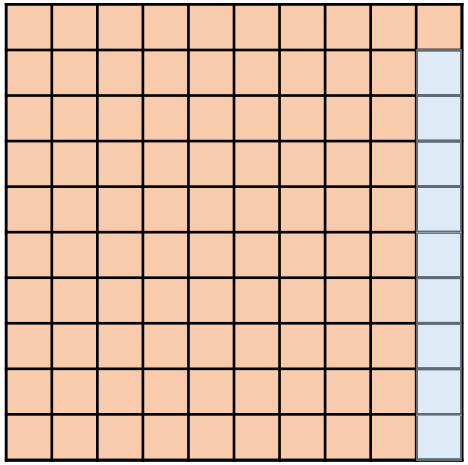
| Fraction | Decimal |
| --- | --- |
| $\frac{7}{10}$ | 0.7 |

The square represents 1 whole.

Each column represents 1 tenth

Each small square represents 1 hundredth

1 tenth
or
10 hundredths



How much of the whole is shaded?

| Fraction | Decimal |
|---|---|
| $\frac{91}{100}$ | 0.91 |

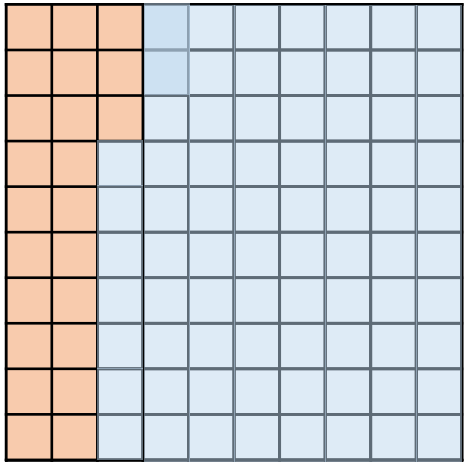
How much needs to be shaded to fill the whole?

| Fraction | Decimal |
|---|---|
| $\frac{9}{100}$ | 0.09 |

The square represents 1 whole.

Each column represents 1 tenth

Each small square represents 1 hundredth



How much of the whole is shaded?

| Fraction | Decimal |
|---|---|
| $\frac{23}{100}$ | 0.23 |

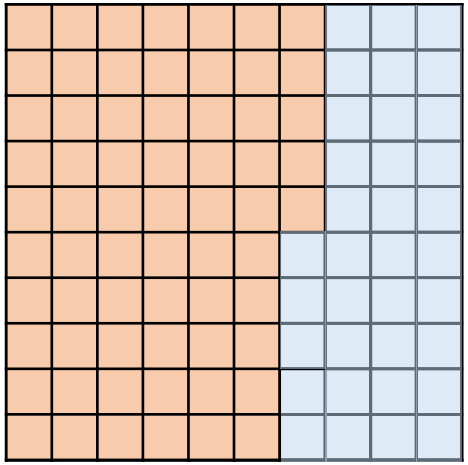
How much needs to be shaded to fill the whole?

| Fraction | Decimal |
|---|---|
| $\frac{77}{100}$ | 0.77 |

The square represents 1 whole.

Each column represents 1 tenth

Each small square represents 1 hundredth



Have a think

How much of the whole is shaded?

| Fraction | Decimal |
|---|---|
| $\frac{65}{100}$ | 0.65 |

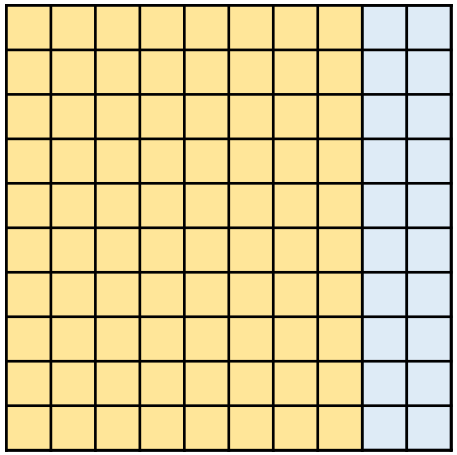
How much needs to be shaded to fill the whole?

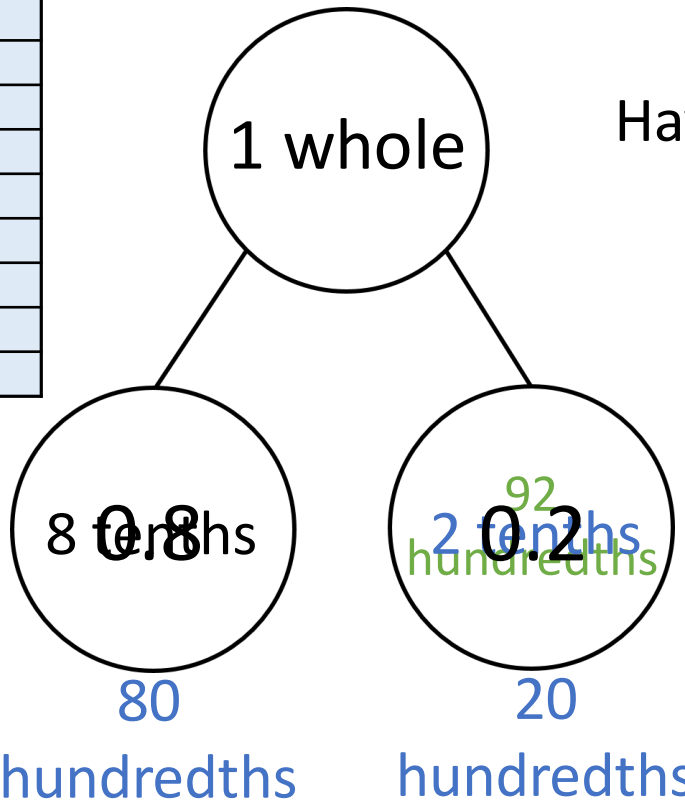
| Fraction | Decimal |
|---|---|
| $\frac{35}{100}$ | 0.35 |

# YOUR TURN

Have a go at questions
1 – 2 on the worksheet

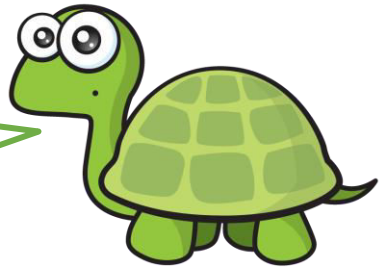
White Rose Maths

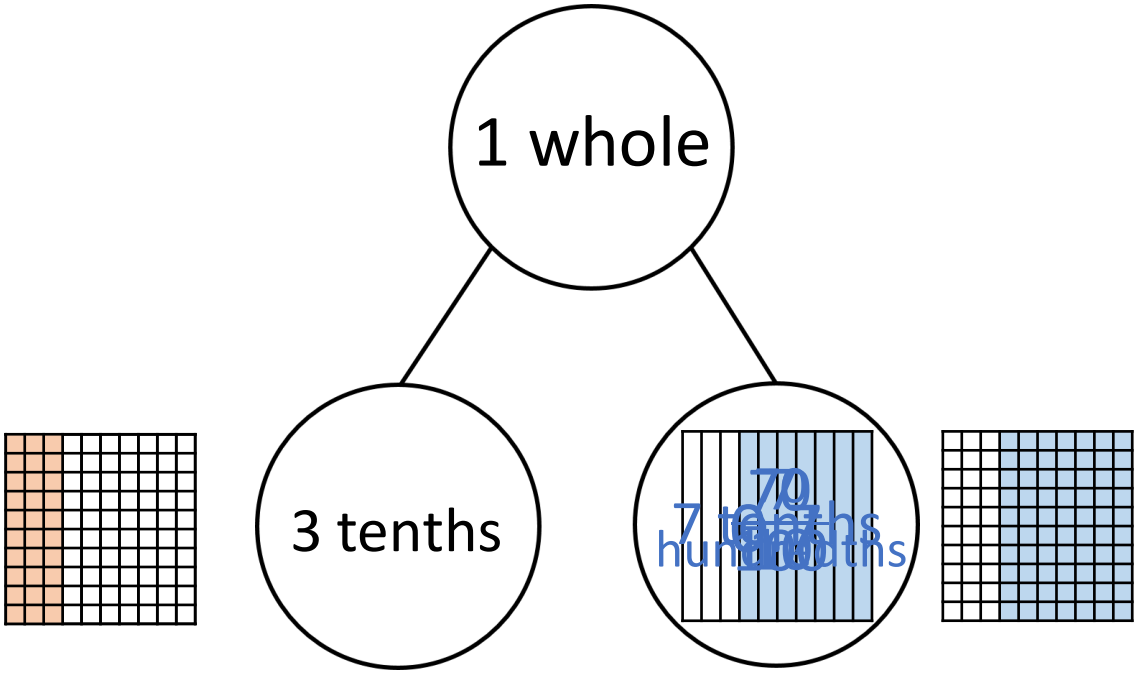





Have a think

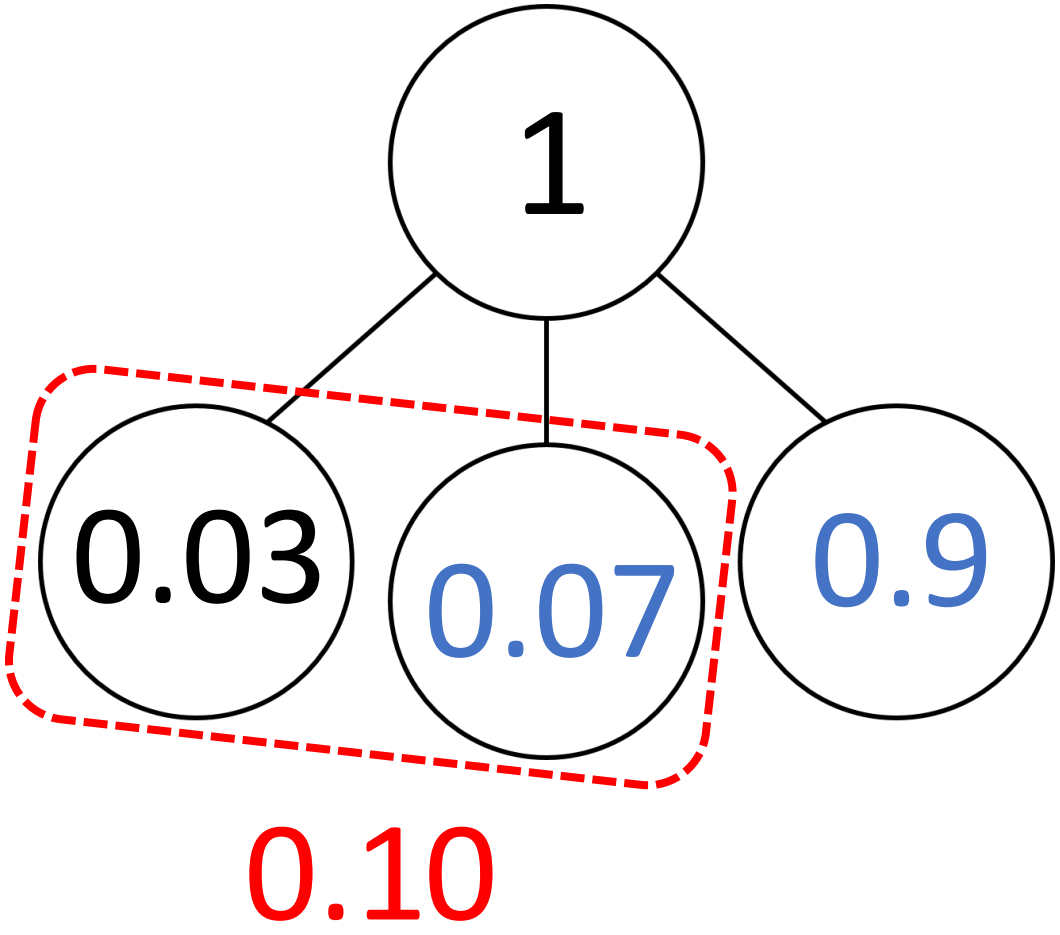
$8 + 92 = 100$

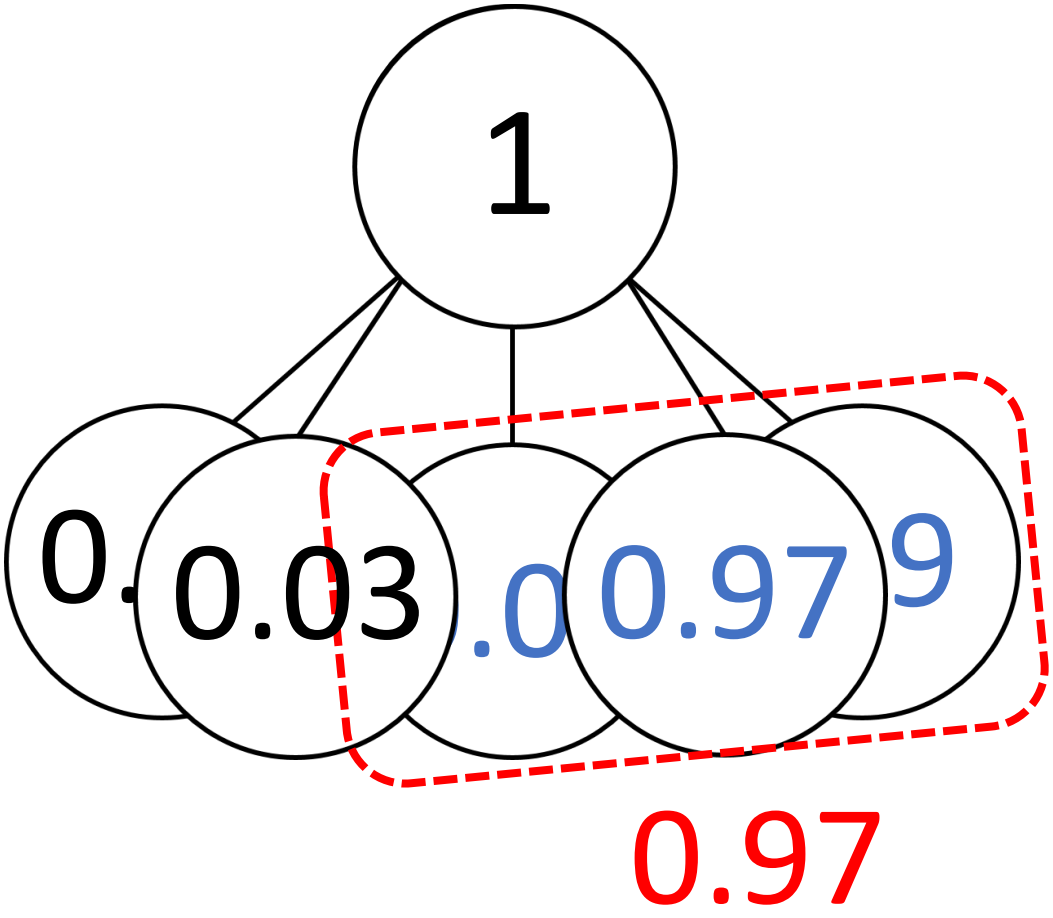




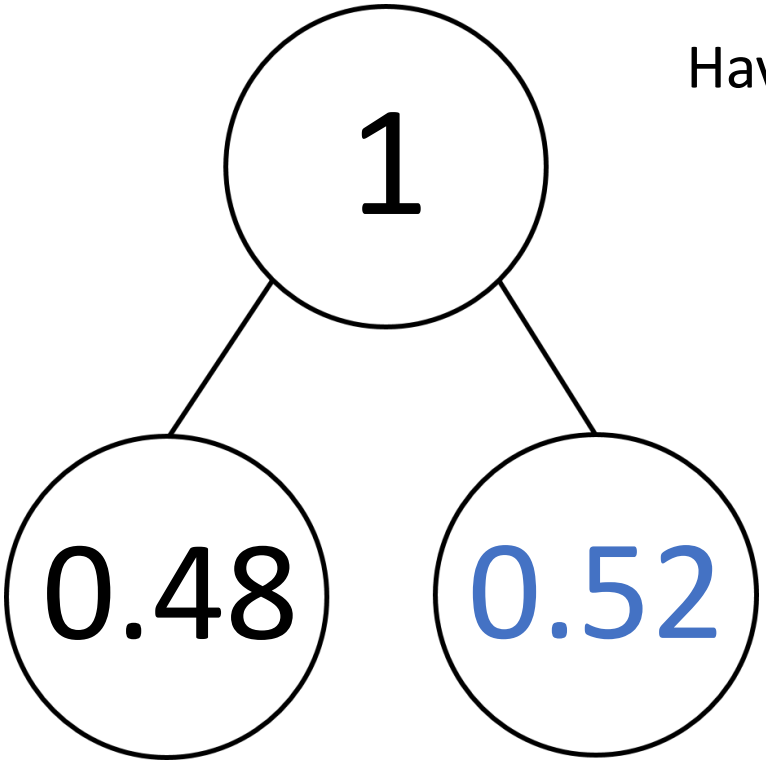

How many ways can you complete the part whole model?

Have a think


1
0.03
0.07
0.9
0.10


1
0.
0.03
.0
0.97
9
0.97

Have a think




0.02

0.5

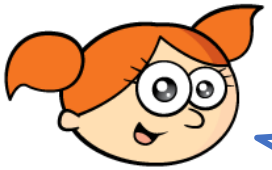
# YOUR TURN

Have a go at questions 3 – 6 on the worksheet

White Rose Maths

Our numbers sum to 1 1

My decimal is less than $\frac{1}{2}$, has zero hundredths and an even amount of tenths.



My decimal has these three digits: 8, 0 and 3

My decimal has the same number of tenths as hundredths.

What decimal do they each have?

Have a think

My decimal is less than $\frac{1}{2}$, has zero hundredths and an even amount of tenths.

0.□□

0.2 or 0.4

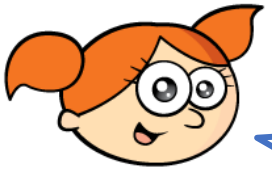
$< 0.5$

What decimal do they each have?

My decimal is less than $\frac{1}{2}$, has zero hundredths and an even amount of tenths.

0.□

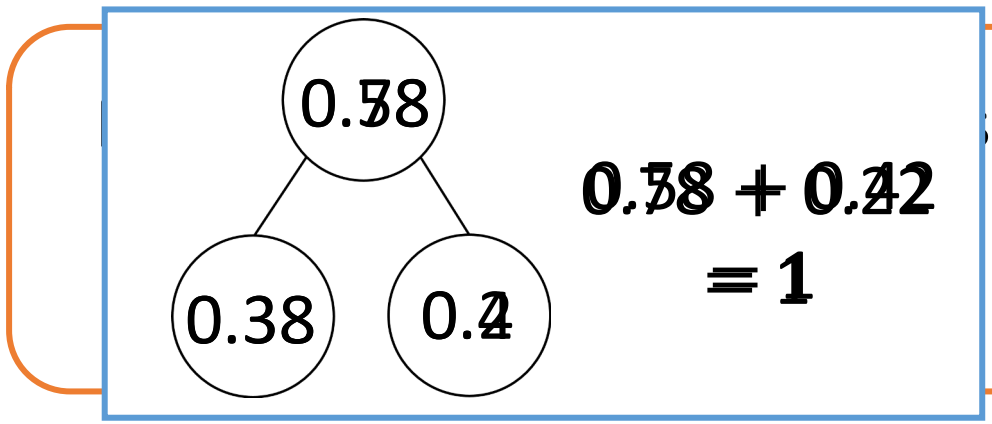
0.2 or 0.4



My decimal has these three digits: 8, 0 and 3

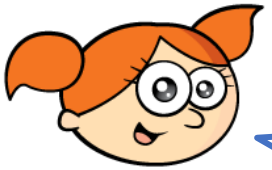
0.8□

What decimal do they each have?




0.4

0.2 or 0.4



My decimal has these three digits: 8, 0 and 3

0.38

My decimal has the same number of tenths as hundredths.

0.22

What decimal do they each have?

# YOUR TURN

Have a go at the rest of the questions on the worksheet

White Rose Maths