Welcome to Year 6 Maths
Green Group

The lesson will begin at 11:30am

Turn your camera and microphone **off** please

06/01/21

Maths Arithmetic

I can use different strategies to solve mathematical problems.

$$\frac{5}{9} + \frac{3}{9} =$$

1.

1 mark

45 + 68 =

2.

1 mark

3. Here are three number cards. Choose **two** of the cards to make an **odd** number between 50 and 70.

5   3   6

Solutions

1. $\frac{8}{9}$
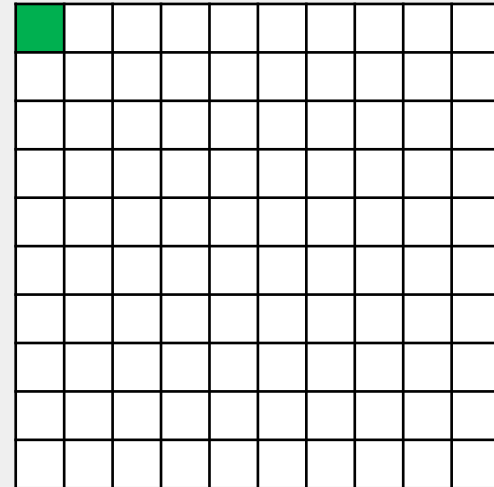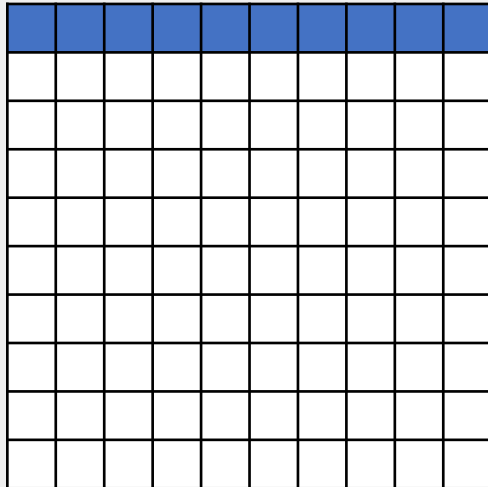
2. 113

3. Possible answers: 53, 63, or 65

PiXL PRIMARY

1.

$$\frac{3}{7} + \frac{3}{7} =$$

1 mark

2.

$$65 + 68 =$$

1 mark

3. Here are three number cards. Choose **two** of the cards to make an **odd** number between 80 and 100.

| 8 | 3 | 9 |

Solutions

1. $\frac{6}{7}$
2. 133
3. Possible answers:

PiXL PRIMARY

Maths

I can recognise tenths and hundredths.

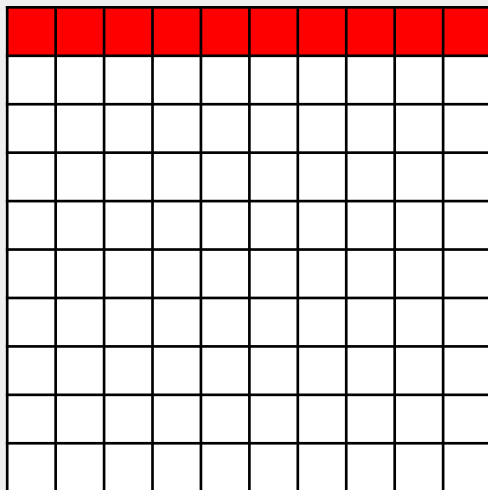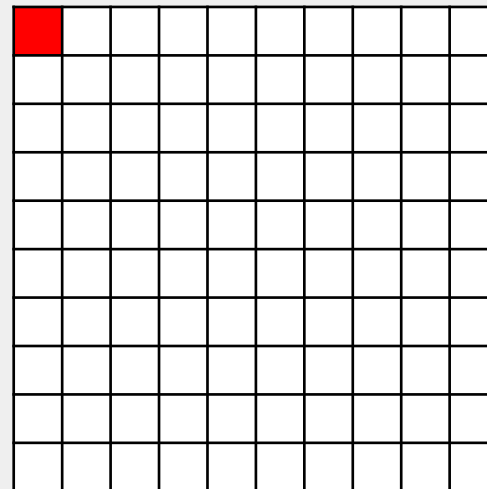# What fraction of each shape has been shaded?

I can recognise tenths and hundredths.

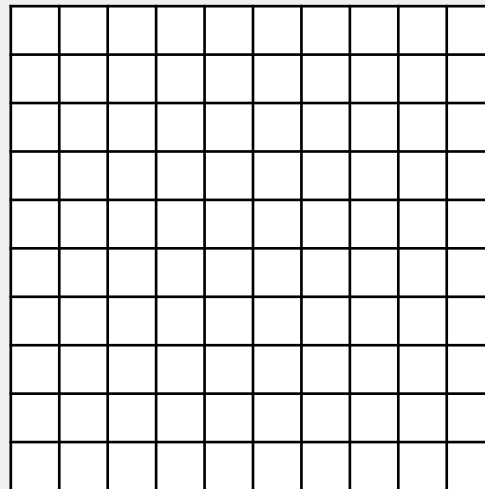# What fraction of each shape has been shaded?

$\dfrac{1}{10}$ **or** $\dfrac{10}{100}$

$\dfrac{1}{100}$

I can recognise tenths and hundredths.

Complete the statement and shade the hundred square to match.

47 hundredths can be partitioned into ___ tenths and ___ hundredths.

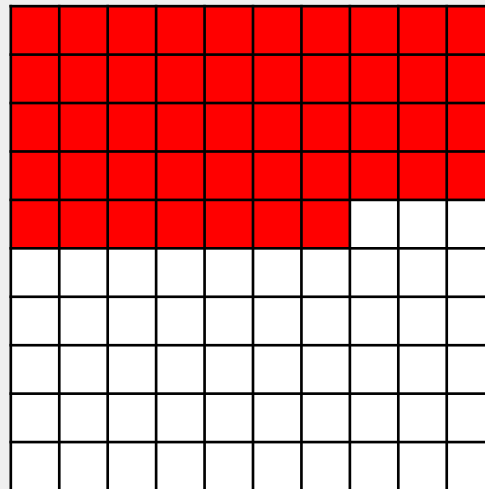I can recognise tenths and hundredths.

Complete the statement and shade the hundred square to match.

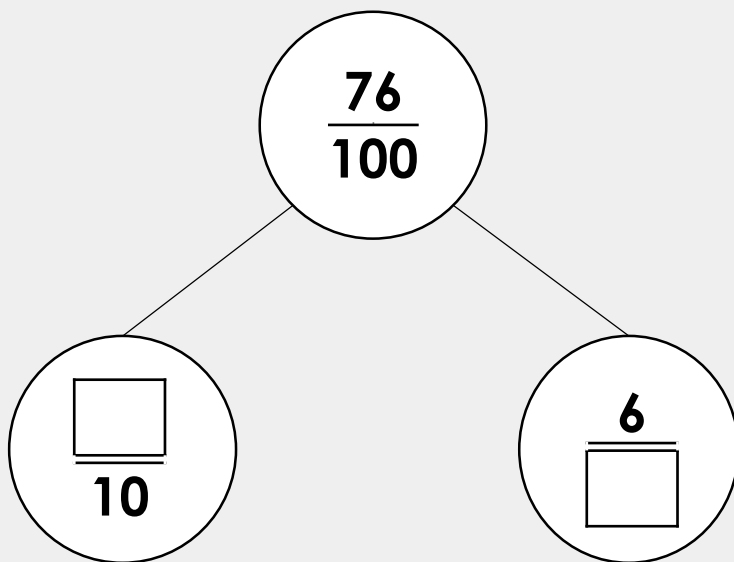**47 hundredths can be partitioned into 4 tenths and 7 hundredths.**

I can recognise tenths and hundredths.

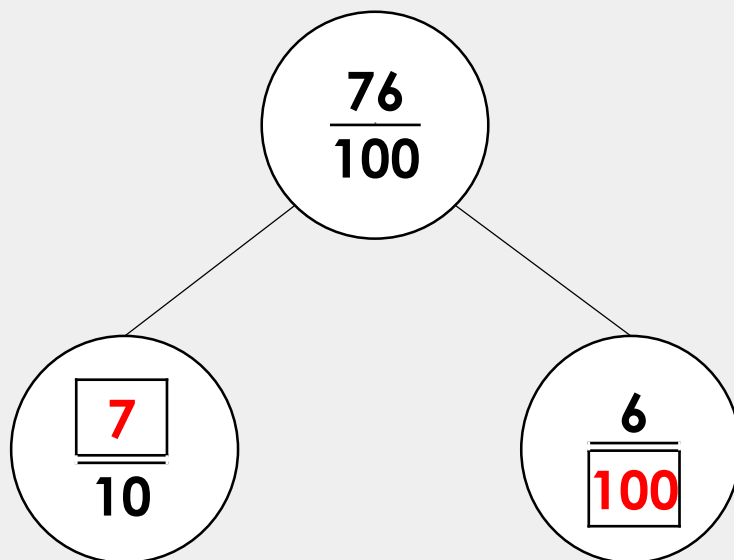**Fill in the missing numbers to complete the part-whole model.**

$$\frac{76}{100}$$

$$\frac{\boxed{}}{10}$$

$$\frac{6}{\boxed{}}$$

I can recognise tenths and hundredths.

Fill in the missing numbers to complete the part-whole model.

$$\frac{76}{100}$$

$$\frac{7}{10}$$

$$\frac{6}{100}$$

I can recognise tenths and hundredths.

Partition the following numbers into tenths and hundredths.

A. $\dfrac{59}{100}$ = $\dfrac{\boxed{}}{10}$ and $\dfrac{\boxed{}}{100}$

B. $\dfrac{16}{100}$ = $\dfrac{\boxed{}}{10}$ and $\dfrac{\boxed{}}{100}$

I can recognise tenths and hundredths.

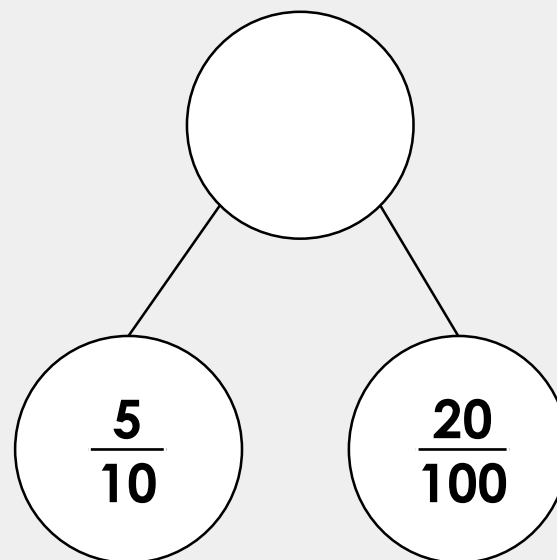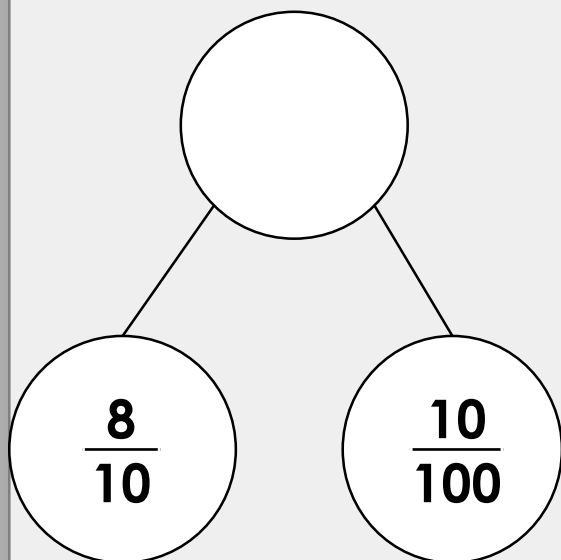**Partition the following numbers into tenths and hundredths.**

A. $\dfrac{59}{100}$ = $\dfrac{\boxed{5}}{10}$ and $\dfrac{\boxed{9}}{100}$

B. $\dfrac{16}{100}$ = $\dfrac{\boxed{1}}{10}$ and $\dfrac{\boxed{6}}{100}$

I can recognise tenths and hundredths.

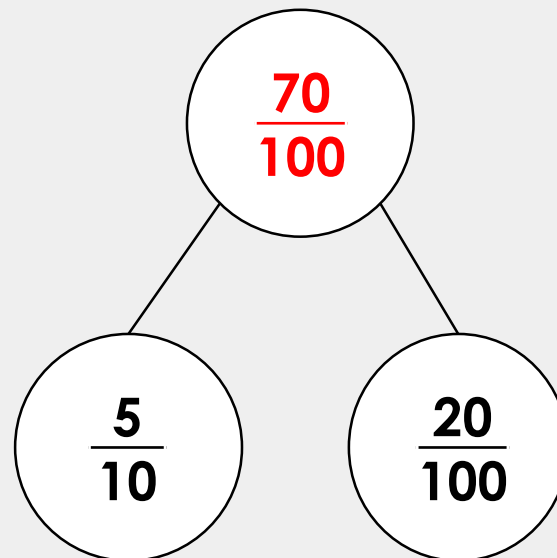**Complete the part whole models below.**

$$\frac{8}{10}$$ $$\frac{10}{100}$$ $$\frac{5}{10}$$ $$\frac{20}{100}$$

I can recognise tenths and hundredths.

Complete the part whole models below.

$$\frac{90}{100}$$

$$\frac{8}{10}$$ $$\frac{10}{100}$$

$$\frac{70}{100}$$

$$\frac{5}{10}$$ $$\frac{20}{100}$$

I can recognise tenths and hundredths.

Freddie has completed the bar model to represent 5 tenths and 1 hundredth.

$\frac{51}{100}$	
$\frac{5}{10}$	$\frac{51}{100}$

Explain the mistake Freddie has made.
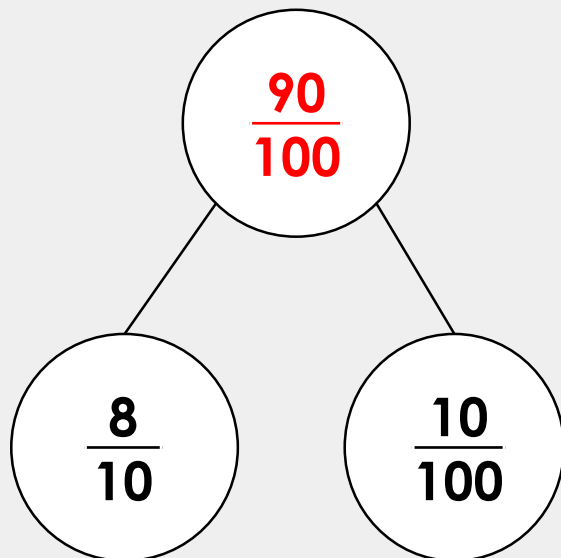
I can recognise tenths and hundredths.

Reasoning 1

Freddie has completed the bar model to represent 5 tenths and 1 hundredth.

$\dfrac{51}{100}$	
$\dfrac{5}{10}$	$\dfrac{51}{100}$

Explain the mistake Freddie has made.
Freddie is incorrect because…

I can recognise tenths and hundredths.

Freddie has completed the bar model to represent 5 tenths and 1 hundredth.

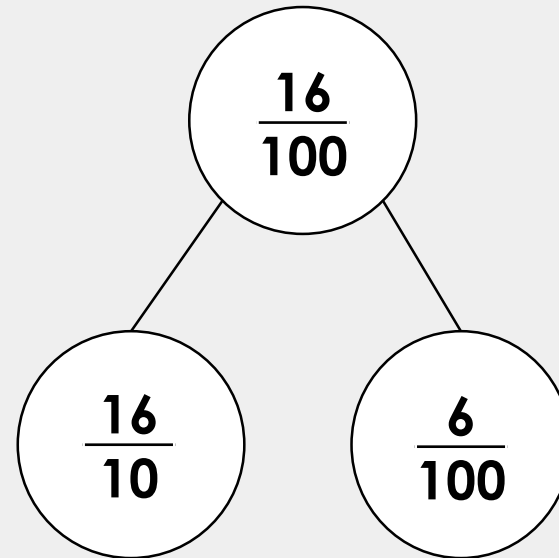| $\dfrac{51}{100}$	
$\dfrac{5}{10}$	$\dfrac{51}{100}$

Explain the mistake Freddie has made.

Freddie is incorrect because he has partitioned the number into 5 tenths and 51 hundredths, rather than 5 tenths and 1 hundredth.

I can recognise tenths and hundredths.

Jaxon has represented 16 hundredths in two different ways.

$$\frac{16}{100}$$

$$\frac{1}{10} \qquad \frac{6}{100}$$

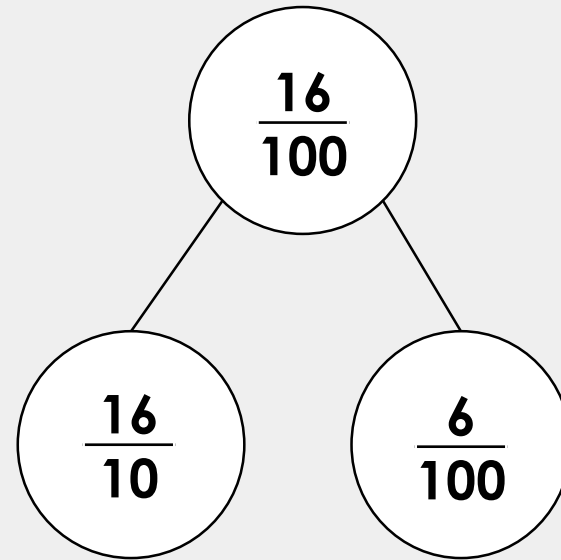$$\frac{16}{100}$$

$$\frac{16}{10} \qquad \frac{6}{100}$$

Is he correct? Explain your answer.

I can recognise tenths and hundredths.

Jaxon has represented 16 hundredths in two different ways.

$$\frac{16}{100}$$

$\frac{16}{100}$	
$\frac{1}{10}$	$\frac{6}{100}$

$\frac{16}{100}$

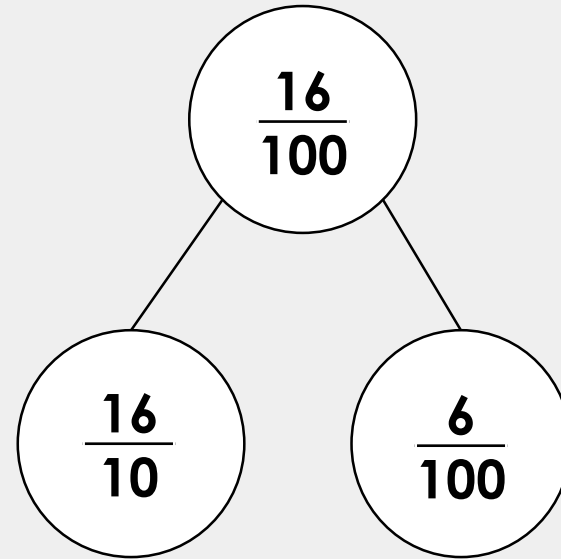$\frac{16}{10}$ $\frac{6}{100}$

Is he correct? Explain your answer.

Jaxon is incorrect because…

I can recognise tenths and hundredths.

Jaxon has represented 16 hundredths in two different ways.

$$\frac{16}{100}$$

$\frac{16}{100}$	
$\frac{1}{10}$	$\frac{6}{100}$

$$\frac{16}{10} \qquad \frac{6}{100}$$

Is he correct? Explain your answer.

Jaxon is incorrect because the part-whole model does not show the correct number of tenths. It should say $\frac{1}{10}$ instead.