FLUENCY TASKS

FLUENCY 1

Complete the stem sentences.

0.7 is the same as 7 _____.

0.68 is the same as _____ hundredths.

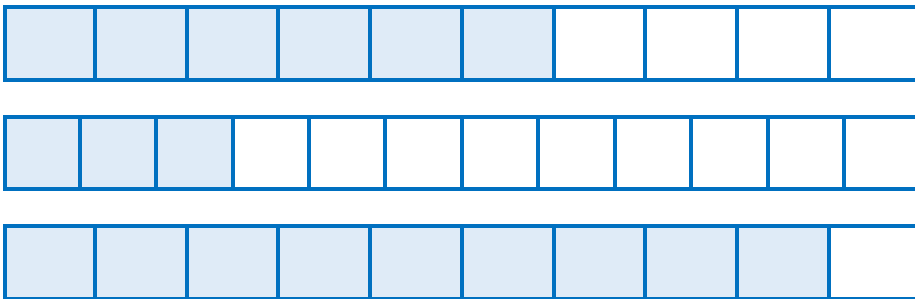Now, write these decimals as fractions in their simplest form.
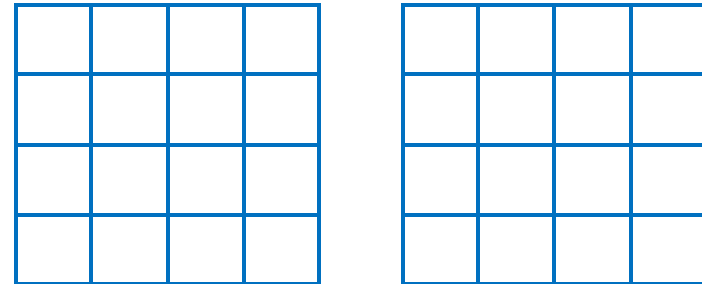
| 0.3 | 0.02 | 0.45 | 0.75 | 1.5 |

FLUENCY 2

Write the shaded parts as decimals and fractions in their simplest form.

FLUENCY 2 EXTENSION

Find the sum of the decimals and shade this diagram to represent your answer as a fraction.

FLUENCY 3

A chocolate bar has 20 squares.

Jane has eaten 0.2 of the bar and Millie has eaten 0.4 of the bar.

How many squares of chocolate are left?

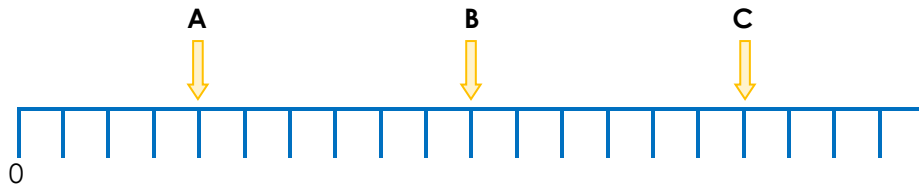**REASONING TASKS**

REASONING 1

True or False?

All decimal numbers can be written as a fraction.

Explain your reasoning!

REASONING 2

Write the fractions and decimals shown by the arrows.

A   B   C

0   1

Explain how you found your answers.

REASONING 3

Is the statement correct?

0.43 is less than $\dfrac{9}{20}$

Prove it!

REASONING 4

Which decimal goes in the box?

$\dfrac{2}{5}$ <   [   ]   > $\dfrac{8}{20}$
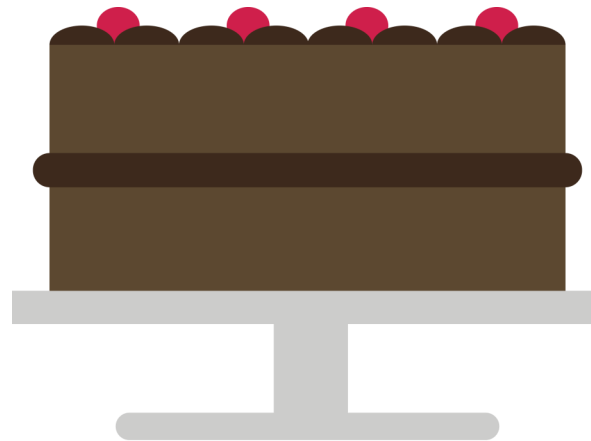
0.2   0.3   0.5

Explain how you know.

PROBLEM SOLVING 1

What fraction of the cake did each person eat in the simplest form?
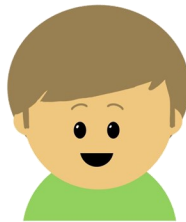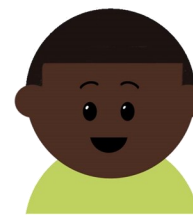
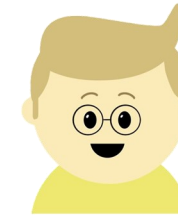**How much cake is left?**

I ate 0.22

I ate 0.15

I ate 0.12

I ate 0.24

I ate 0.26

Darcey

Jerry

Asha

Caleb

Alfie

PROBLEM SOLVING TASKS