

1

Draw a line to join each fraction to a percentage of the same value.

$$\frac{1}{4}$$

$$10\%$$

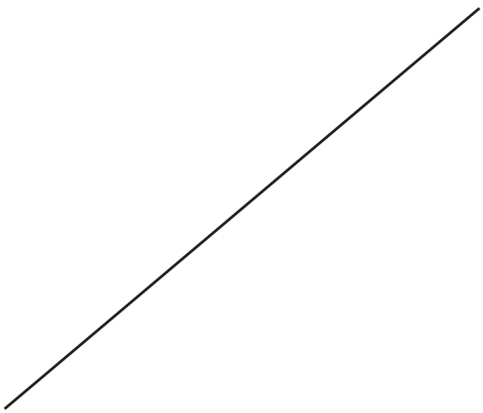
$$\frac{1}{10}$$

$$50\%$$

$$25\%$$

$$\frac{1}{2}$$

$$4\%$$



1 mark

2

Tick each of the cards that shows **more** than a half.

$$\frac{6}{8}$$

$$70\%$$

$$37\%$$

$$0.34$$

$$\frac{3}{4}$$

$$\frac{3}{6}$$

$$0.55$$

1 mark

3

Hassan scores 40 out of 80 in a test.

Kate scores 40% in the same test.

Who has the higher score?

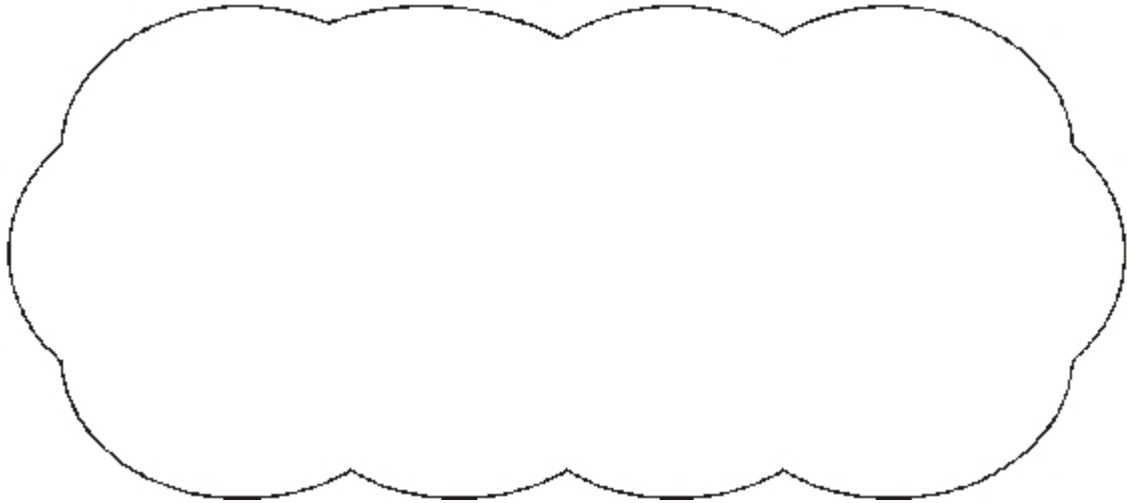
Circle **Hassan** or **Kate**.

دائري

Hassan / Kate

Explain how you know.

دائري



1 mark

4

$$34\% = \frac{?}{100}$$

1 mark

5

$$0.02 = ? \%$$

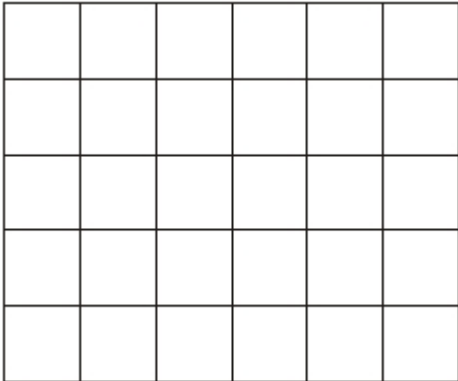
1 mark

6

Here is a grid made of squares.

Shade 10% of this grid.

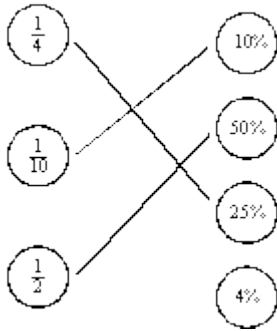
*Shade* →



1 mark

## Mark schemes

1



Both correct for 1 mark.

[1]

2

Circles drawn around **all** of

$\frac{6}{8}$     70%     $\frac{3}{4}$     0.55

*If extra circles are drawn, do not award the mark unless the intention is clear. Accept any other clear way of indicating these amounts.*

[1]

3

An explanation which correctly compares two percentages or two scores, eg:

- '40 out of 80 is 50%'
- '50% is more than 40%'
- '40% of 80 is 32'
- '40 out of 80 is better than 40 out of 100'
- '40 out of 80 is more than 32 out of 80'
- 'Kate has less than half marks'

*No mark is awarded for circling 'Hassan' alone.*

**Do not** accept vague or incomplete explanations, eg:

- 'Hassan has half marks'
- 'Percentages are bigger'
- 'Hassan has more than 40%'
- 'Kate has less than 40 out of 80'.

*If 'Kate' is circled but a correct unambiguous explanation is given, then award the mark.*

U1

[1]

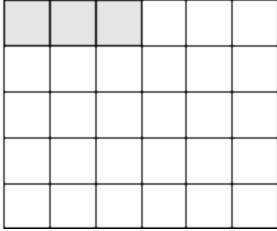
**4** 34

[1]

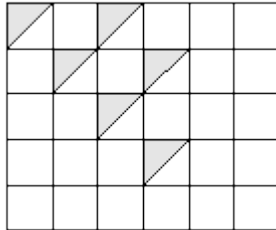
**5** 2

[1]

**6** Any three squares shaded, eg



*Shaded squares need not be joined in any way.  
Shading may be in terms of part squares, eg*



*Accept slight inaccuracies in shading provided the  
intention is clear.*

[1]