1   Circle the smallest number.

[1 mark]

$\dfrac{11}{20}$ $\dfrac{3}{10}$ $\dfrac{1}{5}$ $\dfrac{1}{4}$

2   Circle the largest number.

[1 mark]

4.1   4.$\dot{1}$ 4.11   4.111

3   Circle the decimal that is equivalent to $\dfrac{21}{20}$

[1 mark]

1.01   1.05   1.1   1.5

4   Work out 47.15×0.08

[2 marks]

_____

_____

_____

_____

Answer _____

5 Work out $\quad 1\dfrac{2}{3} \times 4\dfrac{1}{5}$

Give your answer in its simplest form.

[2 marks]

_____

_____

_____

_____

Answer _____

6 Use approximations to estimate the value of $\quad \dfrac{204 \times 3.99}{0.112}$

You **must** show your working.

[3 marks]

_____

_____

_____

_____

Answer _____

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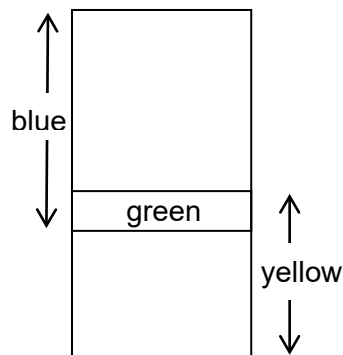**7** Mia has a rectangle of cloth.

She dips the top $\dfrac{5}{8}$ of the cloth in blue dye.

She dips the bottom $\dfrac{9}{20}$ of the cloth in yellow dye.

blue

green

yellow

Not drawn
accurately

The part of the cloth that is dipped in both colours turns green.

Work out the fraction of cloth that turns green.

[3 marks]

Answer _____

8   A show is on Friday, Saturday and Sunday.

$\dfrac{2}{5}$ of the **total** tickets sold are for the Saturday show.

240 tickets are sold for the Saturday show.

Three times as many tickets are sold for the Sunday show as for the Friday show.

How many tickets are sold for the Sunday show ?

[4 marks]

Answer _____

9   Express $0.2\dot{3}$ as a fraction in its simplest form.

[3 marks]

Answer _____