

Magdalen College School



Mathematics Test

For entry to the Junior School at 8+

SAMPLE PAPER

1) Calculate 14×3

2) Write the two missing numbers in this sequence

<input type="text"/>	93	86	79	72	<input type="text"/>
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3) Measure this line.

Use a ruler.



cm

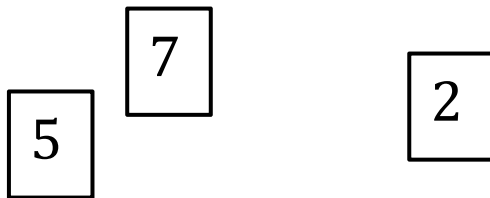
4) The letter D has a line of symmetry.

Tick (✓) **all** the other letters that have a line of symmetry

D	S	E	N	M
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5) Katie has these digit cards.

She makes different **2-digit** numbers with them.



Write all the **2-digit** numbers Katie can make with them.

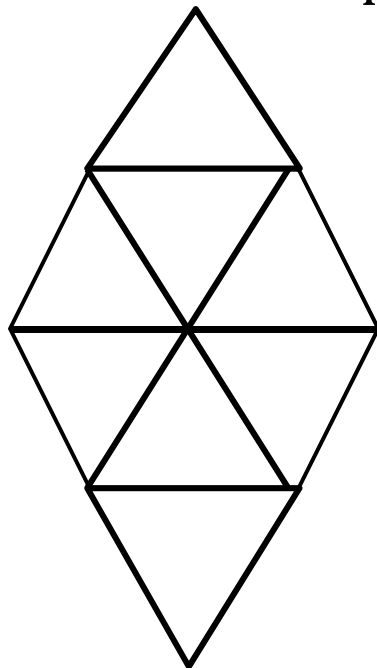
6) Ben saved **twenty-four** 10p and **ten** 20p coins.

How much has Ben saved?

Show how you work it out.

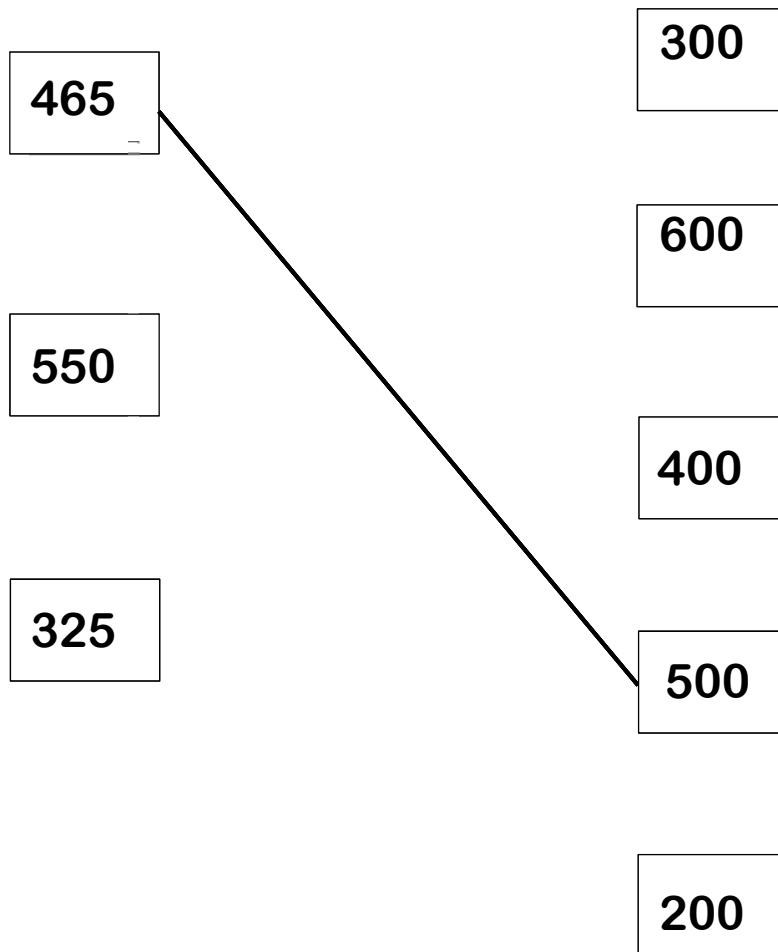
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7) Shade $\frac{1}{4}$ of this shape.



8) Round each number to the nearest 100.

One is done for you.



9) Calculate $562 + 275$

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10) Write in the missing digits.

	3	-	2		=	51
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11) Calculate $237 - 178$

12) Write in the missing number.

$$\boxed{} \div 6 = 126$$

13) Circle the **two** fractions that have the same value.

$2/5$

$2/3$

$1/4$

$1/2$

$5/10$

14) Write in the missing number.

$$190 + \boxed{} + 50 = 310$$

15) Here are some shapes.

Two of the shapes are octagons.

Put a tick (✓) on them.

