

Homework 19

Hand in: _____

Do not use a calculator for questions 1-6. You must show all your working out where the question number is **underlined**. For these questions stating an answer without showing a written method will not score a mark.

<p><u>1.</u> Two thirds of an amount is £4.50. What is the amount?</p>	<p><u>2.</u> Calculate the product of 2.5 and 1.4.</p>
<p>3. Expand the brackets and simplify; $(x + 3)(x + 2)$</p>	<p><u>4.</u> 10 out of 12 people prefer chocolate. What angle should represent them on a pie chart?</p>

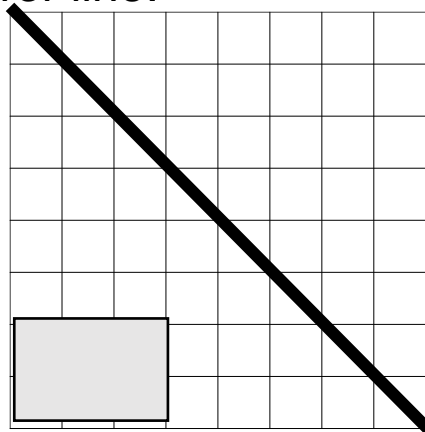
5. Write 0.008 as a fraction in its simplest form

6. Write these numbers in descending order.

0.8, 9%, $\frac{22}{25}$

7. Decrease 640 by 12.5%

8. Reflect the shape in the mirror line.



9. Complete the sets of coordinates using the equation $y = x^2 + x$

(3,____) (____,90)

10. Calculate the midpoint of 43 and 287.

Gold:

DO NOT USE A CALCULATOR

Find 12.5% of 160

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Find 17.5% of 480

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Find 62.5% of 320

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Silver:

DO NOT USE A CALCULATOR

Increase 240 by 45%.

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Decrease 750 by 30%.

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Find 2.5% of 80.

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Bronze:

DO NOT USE A CALCULATOR

Find 5% of 40

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Find 90% of 700

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Find 75% of 240

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Find 35% of 500

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Find 2% of 80

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