

Homework 18

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> Calculate $\frac{4}{9}$ of 360</p>	<p><u>2.</u> Calculate 55% of 280</p>
<p>3. Expand; $5(2c - 4)$</p>	<p>4. How many days are there in November?</p>

5.

$$12.6 \times 3 =$$

6.

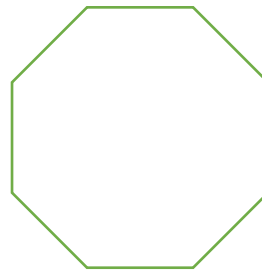
$$1.45 \div 2 =$$

7. Complete the set of coordinates using $y = 10 - x$

x	0	1	2	3
y				

(0, __) (1, __) (2, __)
(3, __)

8. What is the order of rotational symmetry for this shape?



9. 14 out of 60 people prefer English. What angle should represent them on a pie chart?

10. How many metres are equal to 27cm?

Gold:

Calculate the angles required to draw a pie chart for the information in the table below;

Lunch	Frequency	Angle
Sandwich	21	
Pasta	12	
Jacket Potato	18	
Salad	9	
Total	60	

Silver:

$$360 \div \underline{\quad} = 180$$

$$360 \div \underline{\quad} = 90$$

$$360 \div \underline{\quad} = 10$$

$$360 \div \underline{\quad} = 40$$

$$360 \div \underline{\quad} = 6$$

$$360 \div 8 = \underline{\quad}$$

$$360 \div 12 = \underline{\quad}$$

$$360 \div \underline{\quad} = 15$$

$$\frac{3}{4} \times 360 =$$

$$\frac{5}{8} \times 360 =$$

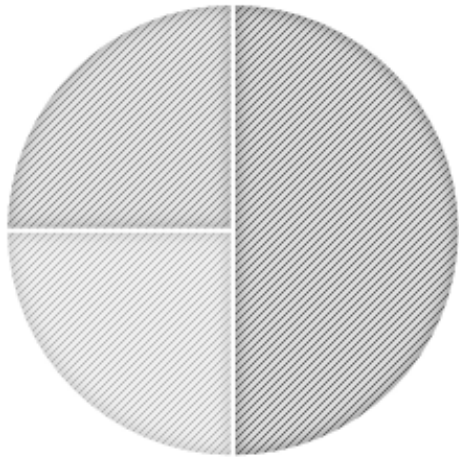
$$\text{Seven tenths of } 360 =$$

$$\text{Four ninths of } 360 =$$

Bronze:

The pie chart represents 20 people. Write down as many facts as you can think of about the information in the pie chart. (Remember that the key is clockwise from 12 o'clock.)

FAVOURITE COLOUR



- Red
- Blue
- Yellow

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