## Homework 16

Hand in: \_\_\_\_\_

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

<b><u>1.</u></b> Four fifths of an amount is 32. What is the amount?	<u><b>2.</b></u> Calculate the product of 1.6 and 0.7.
3. Expand the brackets and simplify; 2(a + 5) + 3(a – 2)	<b><u>4.</u></b> 25 out of 90 people prefer tea. What angle should represent them on a pie chart?

5. Write 0.345 as a fraction in its simplest form	6. Write these numbers in ascending order. 28%, 0.028, $\frac{2}{5}$
7. Increase 450 by 12%	8. Draw the mirror line on the diagram.
<b><u>9.</u></b> Complete the sets of coordinates using the equation $y = 2x - 5$ (10,) (,35)	10. Calculate the midpoint of 54 and 128.

## Gold:

Height (cm)	Frequency
120< h ≤ 130	7
130< h ≤140	12
140< h ≤ 150	18
150< h ≤ 160	8
160< h ≤ 170	2

What type of data is shown in the frequency table above?

Draw a bar chart to show this data.

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## Silver:

	Fill	in the	daps	in	the	table	and	the	bar	chart:
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Weight of sweets (grams)	Frequency
1 to 5	3
6 to 10	
11 to 15	6





## **Bronze:**

Complete a frequency table using the data below;

Red	Green	Yellow	Blue	Blue	Red
Yellow	Blue	Red	Green	Green	Blue
Red	Green	Blue	Red	Red	yellow