

# Takeaways

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Fish and Chips

Chinese

Indian

Thai

Pizza

The Industry

# Carrot fries



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## Carrot fries

### Ingredients: 1 serving

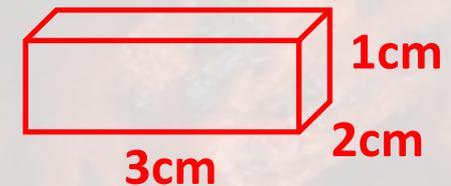
Carrot	2
Olive oil	1 tablespoon
Parsley	1 tablespoon
Paprika	1 teaspoon
Salt	1 teaspoon
Pepper	1 teaspoon
Plain yogurt	300g
Lemon juice	1 tablespoon
Chives	2 tablespoon

## Questions

- 1 How many carrots would be needed for 10 servings?
  - 2 **3 teaspoons = 1 tablespoon**  
How many teaspoons of chives are used?
  - 3 How many portions can I make with 1,200g of yogurt?
- A** **1 teaspoon  $\approx$  6ml**  
What is the volume of a tablespoon?
- B**  
What fraction of a portion can I make with 240g of yogurt?
- C**  
If I have 5 carrots, how much yogurt do I need to match the correct proportions?
-  **1ml = 1cm<sup>3</sup>** Sketch and label a cuboid with the dimensions of a teaspoon.
-  What is the volume of the chives?  
**Give your answer in cm<sup>3</sup>**

## Questions

- 1** How many carrots would be needed for 10 servings? **20**
- 2** **3 teaspoons = 1 tablespoon**  
How many teaspoons of chives are used? **6**
- 3** How many portions can I make with 1,200g of yogurt? **4**
- A** **1 teaspoon  $\approx$  6ml**  
What is the volume of a tablespoon? **18ml**
- B** What fraction of a portion can I make with 240g of yogurt?  **$\frac{4}{5}$**
- C** If I have 5 carrots, how much yogurt do I need to match the correct proportions? **750g**
- 1ml = 1cm<sup>3</sup>** Sketch and label a cuboid with the dimensions of a teaspoon. **36cm<sup>3</sup>**
- What is the volume of the chives?  
**Give your answer in cm<sup>3</sup>**



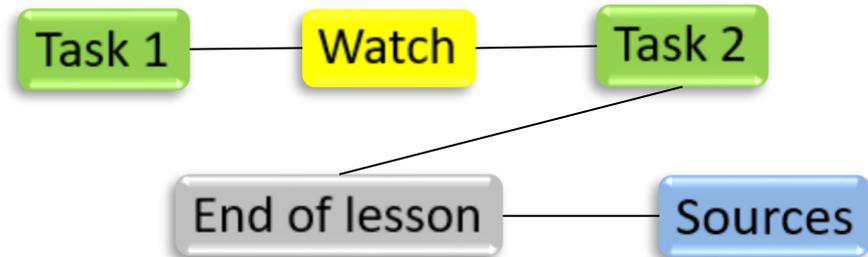
## Fish and chips

There's a debate over the birthplace of the country's favourite fast food — with both Lancashire and London fighting for the title. However, it's believed the first official fish and chip shop opened in Mossely, near Oldham, in 1863.

### French fries

Nutrition Facts	
Serving Size 1 small	
Amount Per Serving	
<b>Calories</b> 271	Calories from Fat 130
<b>% Daily Value*</b>	
<b>Total Fat</b> 14.5g	<b>22%</b>
Saturated Fat 3.4g	<b>17%</b>
Trans Fat 3.7g	
<b>Cholesterol</b> 0mg	<b>0%</b>
<b>Sodium</b> 164.9mg	<b>7%</b>
<b>Potassium</b> 467.5mg	<b>13%</b>
<b>Total Carbohydrate</b> 31.9g	<b>11%</b>
Dietary Fiber 3g	<b>12%</b>
Sugars 0.6g	
<b>Protein</b> 3.2g	<b>6%</b>
Vitamin A 0%	• Vitamin C 4%
Calcium 1%	• Iron 6%
Thiamin 10%	• Riboflavin 3%
Vitamin B6 16%	• Niacin 11%
Magnesium 7%	• Phosphorus 12%
Zinc 4%	• Copper 6%
Pantothenic Acid 5%	•

\* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs.



### Chips

Frites	Kaanga
Fries	Pommes
Patatine fritte	Othosiwe
Papas fritas	Frytki
フライドポテト	Ffrio
薯條	ทอด

# Fish and chips

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1<sup>st</sup> – Read the information.

2<sup>nd</sup> – Write down the information so you can understand it.

**Presentation is key**

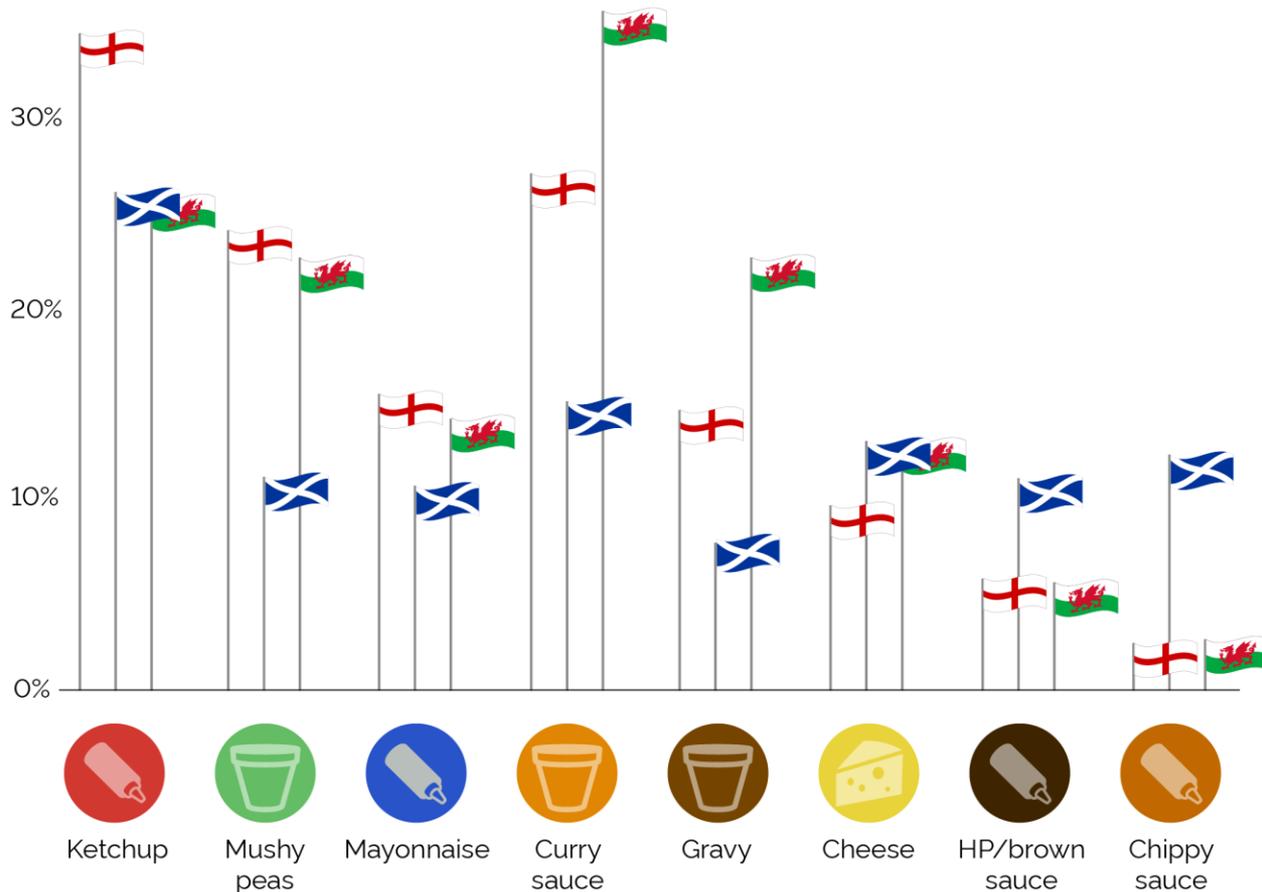


According to The National Federation of Fish Friers, it is estimated there are **10,500** specialist fish and chip shops in the UK, selling **382 million** meals every year. This amounts to a staggering **£1.2 billion**. A YouGov poll found that fish and chips is the preferred takeaway for 65+ year olds with **28%** of the sample voting for it. However it is not popular among the younger generations. Only **6%** of 18 to 24 year olds said it was their preferred takeaway. According to the website [inflationdata.com](http://inflationdata.com) the average price for a portion of fish and chips in **1970** was **25p**. \*In **2010** the average price had risen to **£3.25**. In a [survey](#) of **36,000** people across England, Scotland and Wales, participants were asked what they liked on their chips (excluding salt and vinegar). Ketchup was the winner in England (**34%**) and Scotland (**25%**) but Wales voted in favour of curry sauce (**35%**).

*\*Numbers slightly changed to fit the maths problem.*

## What chip shop toppings are more popular in England, Scotland and Wales?

Which of the following do you like to have on or accompanying chips from a fish and chip shop? % of 29,273 English adults, 1,529 Welsh adults and 3,763 Scottish adults



# The history of fish and chips

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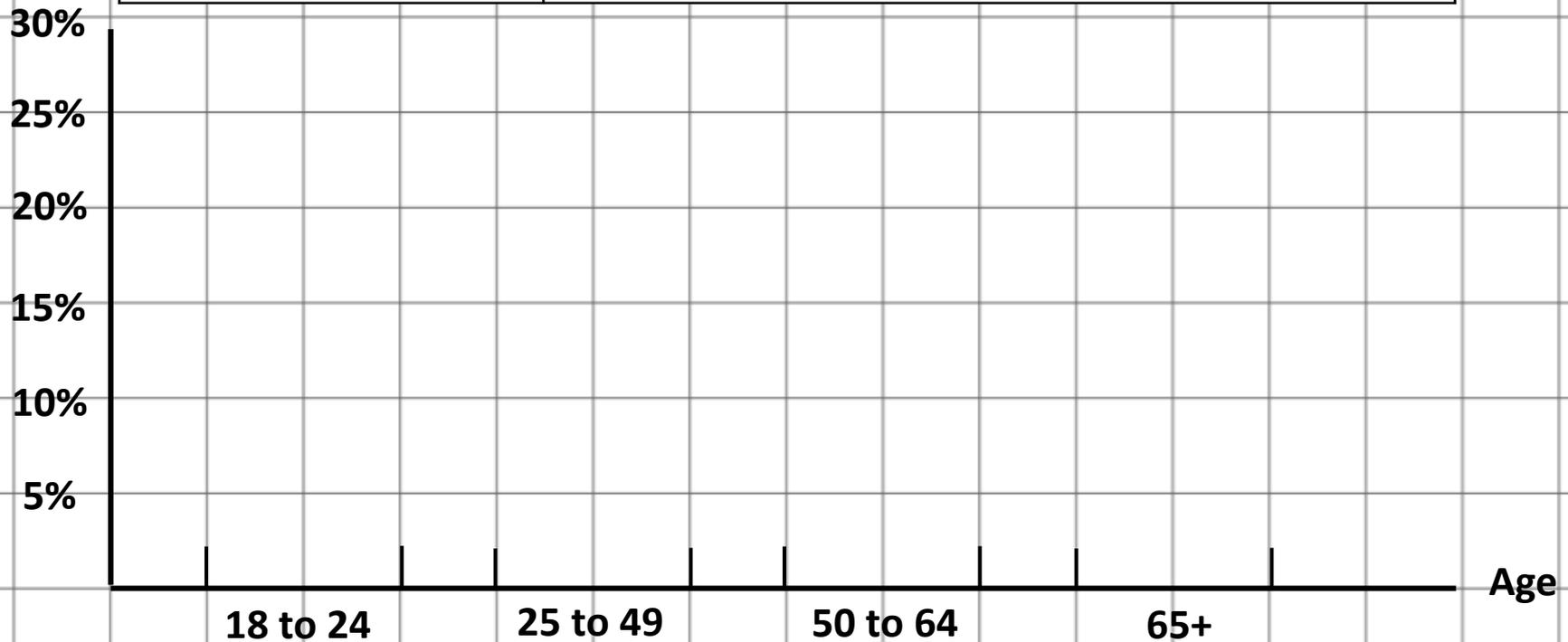


- 1 Write 382 million in figures.
- 2 What is the value of the 2 in 1.2 billion?
- 3 Write 1.2 billion in the form  $1.2 \times 10^a$ , **What is the value of  $a$ ?**
- 4 Write 28% as a fraction in the simplest form.
- 5 Write 6% as a decimal.
- 6 What is the average price rise of f&c per decade from 1970 to 2010?
- 7 Use Q6 to estimate the price of f&c in 2020.
- 8 25% represents 1 in \_\_\_\_
- 9 If 36,000 has been rounded to the nearest 1,000, what is the lower and upper bound?

# Bar chart

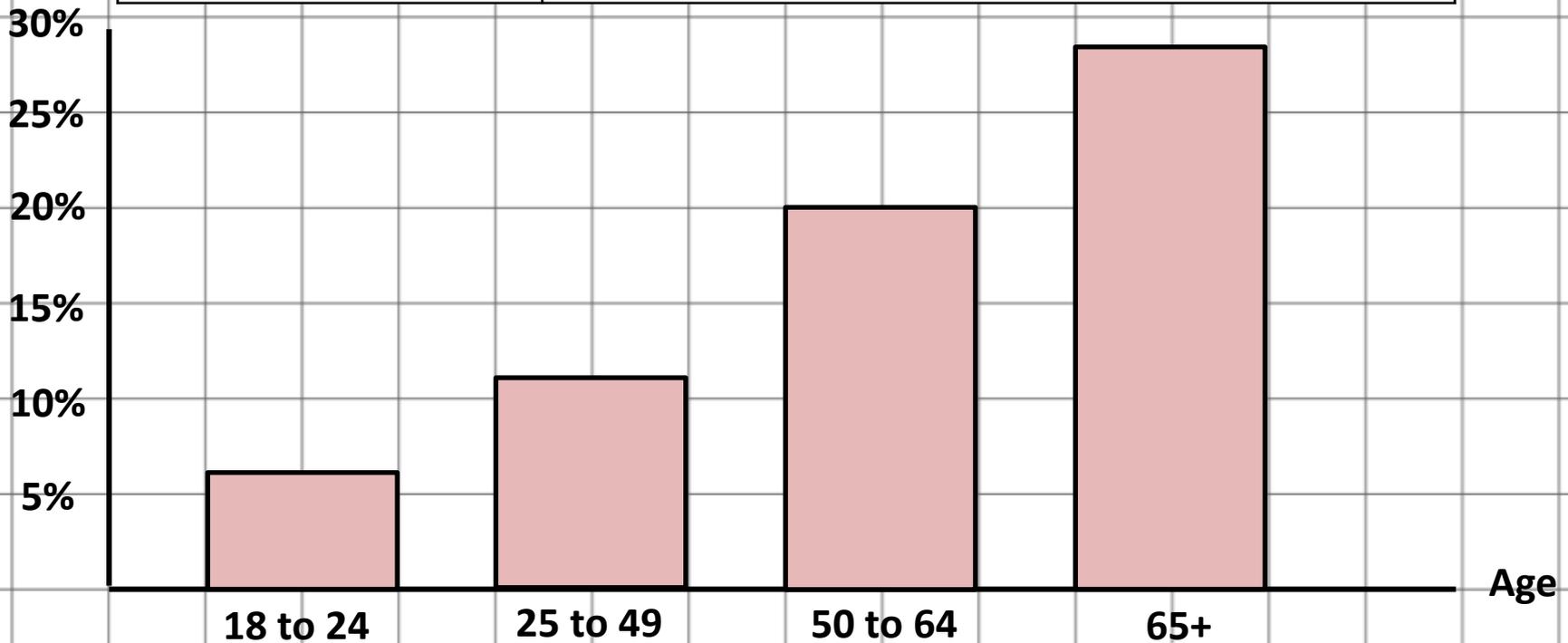
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<u>Age group</u>	F&C favourite takeaway (% of votes)
18 to 24	6%
25 to 49	11%
50 to 64	20%
65+	28%



- 1 Write 382 million in figures. **382,000,000**
- 2 What is the value of the 2 in 1.2 billion? **200,000,000**
- 3 Write 1.2 billion in the form  $1.2 \times 10^a$ , **What is the value of  $a$ ?  $a = 9$**
- 4 Write 28% as a fraction in the simplest form.  **$\frac{7}{25}$**
- 5 Write 6% as a decimal. **0.06**
- 6 What is the average price rise of f&c per decade from 1970 to 2010?
- 7 Use Q6 to estimate the price of f&c in 2020. **£4** **75p**
- 8 25% represents 1 in **4**
- 9 If 36,000 has been rounded to the nearest 1,000, what is the lower and upper bound?  
 **$35,500 \leq x < 36,500$**

<u>Age group</u>	F&C favourite takeaway (% of votes)
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65+	28%



In **full sentences** write down a few things you have learnt this lesson.

You can comment on the following things;



- **What did you find interesting?**
- What did you learn?
- **What did you already know?**
- What did you struggle with?
- **What do you feel confident with?**
- What topic would you be interested in covering next time?
- **Anything else you might think is relevant**



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