

Awesome Pizzeria

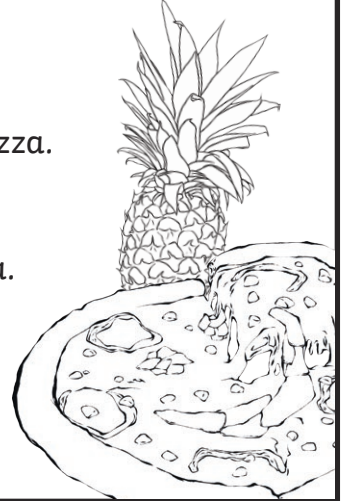
I can solve problems which involve fractions.

Can you help the staff at Awesome Pizzeria to produce these delicious pizza orders?

Order 1

Slice option: Tenths **Toppings:** Pepperoni, pineapple, sweetcorn

- There are 10 pepperoni slices scattered evenly across the whole pizza.
How many are on each slice?
- Twenty pineapple chunks are placed evenly across the whole pizza.
How many chunks are there on each slice?
- Fifty kernels of sweetcorn are scattered evenly across the pizza.
How many are there on each slice?



Order 2

Slice option: Quarters **Toppings:** Chicken, peppers, cheese

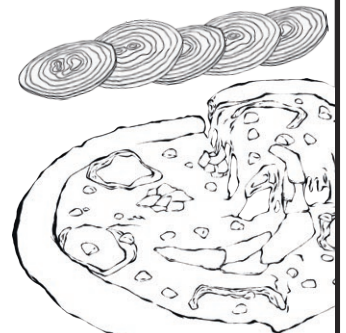
- There are 12 pepper slices are scattered evenly across the whole pizza.
How many are on each slice?
- Four chicken strips are placed on each slice.
How many strips are there in total?
- 40g of cheese is grated evenly over the top of the pizza.
How many grams are on each quarter?



Order 3

Slice option: Eighths **Toppings:** Meatballs, red onion, chopped tomatoes

- There are 16 meatballs distributed evenly across the pizza.
How many meatballs are on each slice?
- Thirty-two slices of red onion are carefully placed around the edge of the pizza. How many are on each slice?
- 64g of chopped tomatoes are spread across the top of the pizza.
How much is on each slice?



Awesome Pizzeria Answers

1. a) $10 \div 10 = 1$ pepperoni slice
b) $20 \div 10 = 2$ pineapple chunks
c) $50 \div 10 = 5$ sweetcorn kernels

2. a) $12 \div 4 = 3$ pepper slices
b) $4 \times 4 = 16$ chicken strips
c) $40\text{g} \div 4 = 10\text{g}$ of cheese

3. a) $16 \div 8 = 2$ meatballs
b) $32 \div 8 = 4$ slices of onion
c) $64\text{g} \div 8 = 8\text{g}$ chopped tomatoes

Awesome Pizzeria

I can solve problems which involve fractions and decimals.

Can you help the staff at Awesome Pizzeria to produce these delicious pizza orders?

Order 1

Slice option: Quarters **Toppings:** Chicken, peppers, cheese

- There are 12 pepper slices scattered evenly across the whole pizza.
How many are on each slice?
- Four chicken strips are placed on each slice.
How many strips are there in total?
- 40g of cheese is grated evenly over the top of the pizza.
How many grams are on each quarter?



Order 2

Slice option: Sixths **Toppings:** Pulled pork, mozzarella, sweetcorn

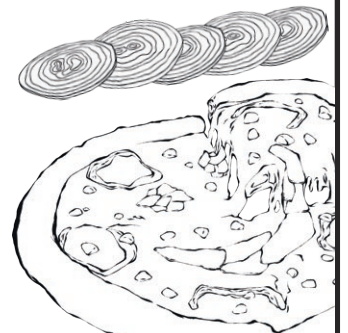
- There is 120g of pulled pork on the whole pizza.
How much is on each slice?
- Three slices have sweetcorn on them.
How much of the pizza is this? Write your answer as a decimal.
- 54g of mozzarella is grated evenly across the top of the pizza.
How many grams are on each slice?



Order 3

Slice option: Ninths **Toppings:** Meatballs, red onion, chilli flakes

- One third of the pizza is scattered with red onions.
What is this amount as a decimal?
- Twenty-seven meatballs are evenly distributed across the pizza.
How many are on each slice?
- Half of the pizza has chilli flakes.
How many slices of pizza is this?



Awesome Pizzeria Answers

1. a) $12 \div 4 = 3$ pepper slices
b) $4 \times 4 = 16$ chicken strips
c) $40\text{g} \div 4 = 10\text{g}$ of cheese

2. a) $120 \div 6 = 20\text{g}$ of pulled pork
b) One half of the pizza has sweetcorn = **0.5**
c) $54\text{g} \div 6 = 9\text{g}$ of mozzarella

3. a) $\frac{1}{3} = 0.333\dots$
b) $27 \div 9 = 3$ meatballs
c) $9 \div 2 = 4.5$ slices

Awesome Pizzeria

I can solve problems which involve fractions, decimals and percentages.

Can you help the staff at Awesome Pizzeria to produce these delicious pizza orders?

Order 1

Pizza: Sausage Surprise **Ingredients:** Tinned tomatoes, 120g sliced peppers, 1 sausage

- 15% of a 350g tin of tomatoes is needed for this pizza topping.
How many grams are needed?
- 12g of the sliced peppers go on each slice.
How many slices are in the pizza?
- $\frac{7}{10}$ of a sausage is sliced up for the pizza.
What is this fraction as a decimal?



Order 2

Pizza: Pork Bites **Ingredients:** Pulled pork, sweetcorn, mozzarella

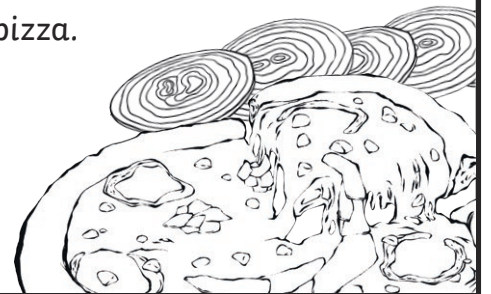
- The pizza is divided into 16 slices. 75% of the pizza is covered in pulled pork.
How many slices have pulled pork on them?
- 16g of sweetcorn is scattered onto every slice.
How much sweetcorn is needed for the whole pizza?
- Two thirds of the pizza has mozzarella.
How many slices is this? Use a decimal number.



Order 3

Pizza: Meat Feast **Ingredients:** Mini meatballs (packs of 60), red onion, chilli flakes (Only on one half)

- 140g of red onions is used on this pizza. How many grams of red onions are on each quarter?
- Twelve mini meatballs are evenly distributed across the pizza.
What fraction of the pack meatballs is used?
Write the answer in its simplest form.
- $\frac{9}{18}$ of the pizza has chilli flakes.
What is this number as a decimal?



Awesome Pizzeria Answers

1. a) 15% of 350g = **52.5g of tomatoes**

b) $120\text{g} \div 12\text{g} = \mathbf{10 \text{ slices}}$

c) $\frac{7}{10} = \mathbf{0.7}$

2. a) 75% of 16 = **12 slices**

b) $16\text{g} \times 16 = \mathbf{256\text{g of sweetcorn}}$

c) $16 \times \frac{2}{3} = \mathbf{10.666\dots}$

3. a) $140\text{g} \div 4 = \mathbf{35\text{g of onion}}$

b) $60 \div 12 = \frac{1}{5} \mathbf{\text{ of a pack}}$

c) $\frac{9}{18} = \mathbf{0.5}$