

Escape the Dentist Chair



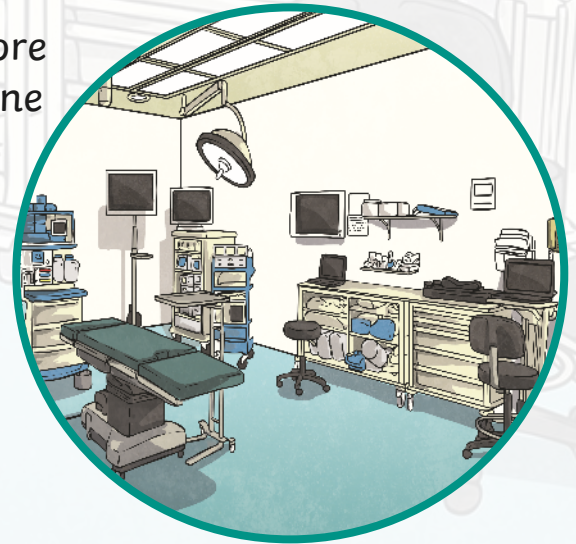
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“Good morning,” says the dentist briskly walking into the room towards the computer. She clicks to reveal an x-ray on the screen. “Oh dear,” she frowns. “You’ve not been brushing properly have you? I’m afraid two of these teeth are beyond repair and they’ll have to come out.”

You feel confused. Your teeth are in great condition. The dentist approaches you with a large black mask. You start to speak but the dentist interrupts. “Try not to worry. It’s a very simple procedure,” she reassures you as she puts the mask over your face.

You start to feel drowsy. Suddenly, you hear a knock before the dentist says, “Please excuse me. I have an urgent phone call. I’ll be back in a few moments.”

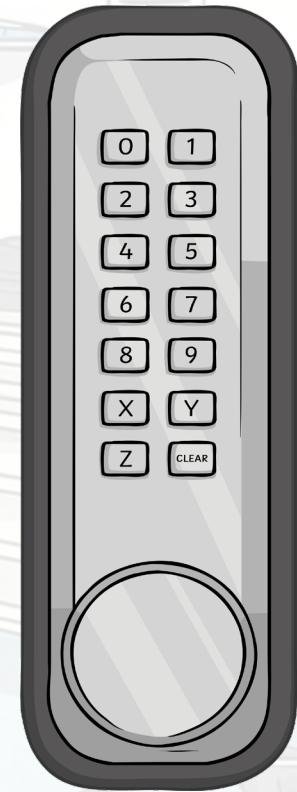
You look around and see a keypad. Maybe, if you enter a code, you’ll be able to turn off the gas and tell the dentist not to extract your teeth. Solve the clues and puzzles to discover the keypad code and escape the dentist chair.



Escape the Dentist Chair

The Rules

- You can work in small groups.
- When you find a clue, work together to solve the puzzle.
- Write your answer down on your answer sheet.
- Once you think you have found all eight digits of the code, check these with your teacher to discover if you can unlock the door and escape the dentist's surgery.



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Answers to the Clues

Escape the Dentist Chair – Clue 1

How many of these are types of human teeth?

canine

clavicle

pelvis

molar

premolar

femur

incisor

Molar, canine, incisor and premolar are the four types of teeth humans usually have.

The **first** digit on the keypad is four.

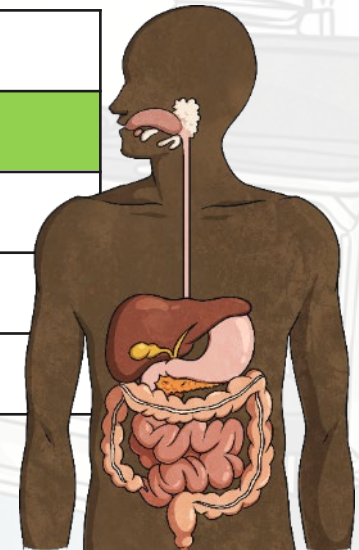


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Escape the Dentist Chair – Clue 2

Which of these describe the correct order that food travels through the digestive system?

1	mouth, oesophagus, stomach, rectum, large intestine
2	mouth, oesophagus, stomach, large intestine, rectum
3	mouth, oesophagus, rectum, large intestine, stomach
4	oesophagus, mouth, large intestine, stomach, rectum
5	mouth, large intestine, oesophagus, rectum, stomach



The **second** digit on the keypad is two.



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Escape the Dentist Chair – Clue 3

How many molars does a human without wisdom teeth have?



Humans (without wisdom teeth) have eight molars.

The **third** digit on the keypad is eight.



8

Escape the Dentist Chair – Clue 4

What are the pointy, sharp teeth that help us tear food when eating?

c	a	n	i	n	e
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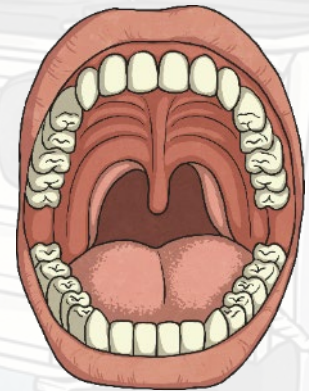
Which teeth are the last four a person may get?

w	i	s	d	o	m
---	---	---	---	---	---

What is the tough substance that covers the crown of a tooth?

e	n	a	m	e	l
---	---	---	---	---	---

The letters e, n and o rearranged spell 'one'.



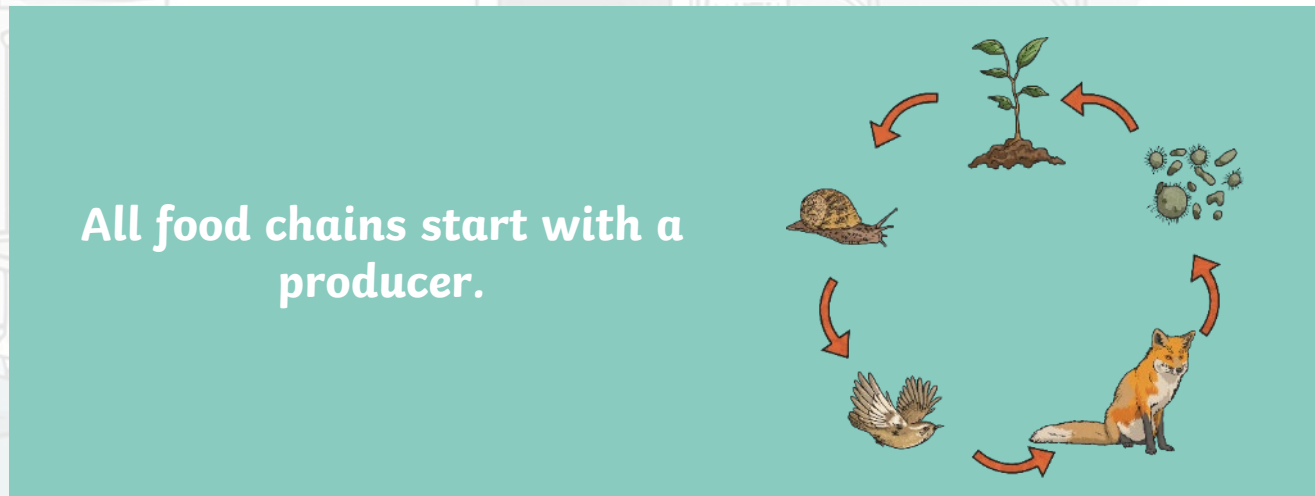
The **fourth** digit on the keypad is one.



1

Escape the Dentist Chair – Clue 5

What do all food chains start with?



There are eight letters in the word producer.

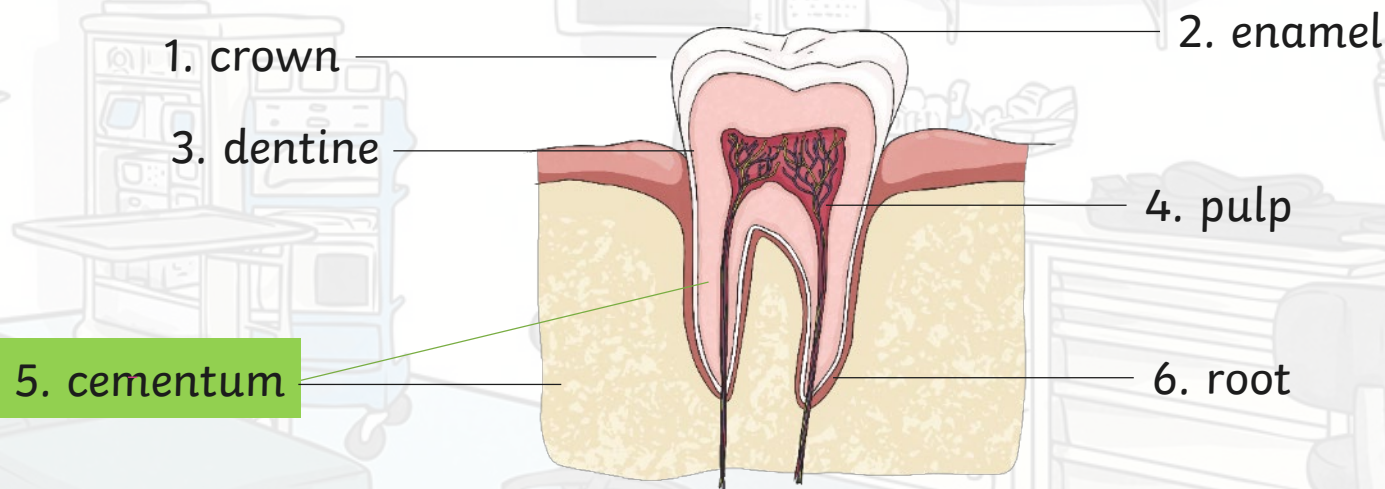
The **fifth** digit on the keypad is eight.



8

Escape the Dentist Chair – Clue 6

Which label is incorrect?



The cementum, label number 5, is the incorrect label.

The **sixth** digit on the keypad is five.



5

Escape the Dentist Chair – Clue 7

How many of these are processes that the digestive system does?

It helps chew and swallow food.	It pumps blood around the body.	It produces bile which helps to absorb fats.	It protects your organs.
It pushes air out of the lungs.	It breaks down food into smaller pieces.	It tastes food.	It sends information to the optic nerve.
It removes toxins.	It processes images.	It helps humans to move.	It keeps humans upright.

The **seventh** digit on the keypad is five.



5

Escape the Dentist Chair – Clue 8

The number of incisor teeth an adult has **8**

+

The number of canine teeth an adult has **4**

+

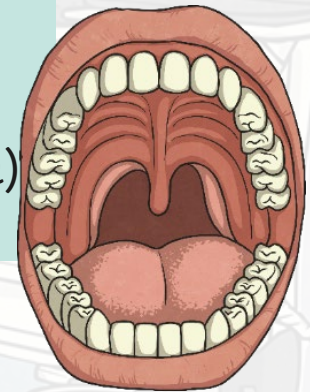
The number of premolar teeth an adult has **8**

+

The number of molar teeth (including wisdom teeth)
an adult has **12**

$$8 + 4 + 8 + 12 = 32$$

$$3 + 2 = 5$$



The **eighth** digit on the keypad is five.



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Escape the Dentist Chair

Now you've solved all the clues, it's time to enter the code into the keypad and escape the dentist chair!

Digit 1	Digit 2	Digit 3	Digit 4	Digit 5	Digit 6	Digit 7	Digit 8
4	2	8	1	8	5	5	5

