

Think



- What is going on in this image?
- What is this skeleton looking for?
- What does the x-ray show?
- Is the skeleton surprised at what he sees?



Respond



Can you write a short scene from play about the events in this image? Whose x-ray is the skeleton checking? Is there another character in the scene? Use humour in your writing and remember how a play script is set out.

Solve



The human body contains around 280 bones at birth which decreases to 206 bones by adulthood as some fuse together. What is the difference?

Challenge: Is it true that the taller you are, the bigger your bones will be? How could you test this theory using mathematical skills?

Discover



Fact: Although your bones stop growing around the age of 20, they constantly renew themselves and every seven years are more or less totally renewed.

Question: What is the largest bone in the human body? What is the smallest? Which part of the human body has the most bones?

Reimagine



Create your own x-ray artwork by using chalk or pastel on black paper. Which part of the body will you show in your x-ray? Remember to smudge the outline of the bones to make it authentic.

Discuss



Radiation from too many x-rays can cause illness. How are x-rays helpful in medicine? How do people who work with x-rays make sure they are safe?

Bones **Answers**

What is the difference?

$280 - 206 = 76$ fewer bones