



# X-RAYS

## 1 ANSWER THE FOLLOWING QUESTIONS IN YOUR OWN WORDS.

What are X-rays? \_\_\_\_\_

\_\_\_\_\_

In which fields are X-rays used ? Give a few examples ! \_\_\_\_\_

\_\_\_\_\_

Who discovered X-rays? \_\_\_\_\_

Why did he call them X-rays ? \_\_\_\_\_

What do bones look like in X-ray pictures ? \_\_\_\_\_

What is CT and what is it used for ? \_\_\_\_\_

\_\_\_\_\_

What is a scanner ? \_\_\_\_\_

How must people and doctors protect themselves from X-rays? \_\_\_\_\_

\_\_\_\_\_

Why are X-rays used to fight cancer ? \_\_\_\_\_

\_\_\_\_\_

Why do X-ray telescopes orbit the earth ? \_\_\_\_\_

\_\_\_\_\_

## 2 TRUE OR FALSE

	T	F
Roentgen received the first Nobel Prize in 1901		
In mathematics the letter "X" means something very strong.		
To produce X-ray pictures you need a special plate behind your body.		
Soft tissue can block X-rays.		
X-rays can stop bombs from exploding.		
X-ray telescopes can see clearer when they are outside the earth's atmosphere.		
Scanners are computers that can help doctors.		



## X-RAYS

### 3 LOOK FOR 9 WORDS ABOUT X-RAYS AND MARK THEM.



T R Z X W I O S Q F M T U  
W A M N D B C S Q A I F E  
O B K T I M A G E S Q B S  
C T C V W N N R S K D O O  
S W E G F K C U O W O Q C  
X I H L Y S E C U R I T Y  
O U T M E S R L B O Q H R  
O I E P V S I Y O E A L I  
F A Z D H S C A N N E R T  
H K D K W W L O E T T Q S  
H C U C V Z E C P G X D L  
L I N V I S I B L E A D O  
L Y X G Z B I J M N L H G

### 4 EXPLAIN IN ENGLISH

security guard \_\_\_\_\_

telescope \_\_\_\_\_

by accident \_\_\_\_\_

apron \_\_\_\_\_

discover \_\_\_\_\_

galaxy \_\_\_\_\_

Nobel Prize \_\_\_\_\_

scanner \_\_\_\_\_