

Name: _____

Date: _____

Ancient Roman Central Heating and Cooling Systems

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

Heating Chambers

Central Heating

Bridging Tiles

Heating Houses

Heating System

Cooling System

Warming walls

Bathhouses

Hypocaust

Hot Air

Furnace

Qanat