S Q W A B B L E

S_1 Q_{10} W_4 A_1 B_3 B_3 L_1 E_1

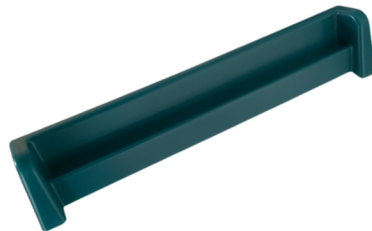**SQWABBLE USES THE LETTER TILES FROM A VERY POPULAR BOARD GAME WITH THE SIMILAR SOUNDING NAME.**

NOTICE

EACH LETTER TILE IS WORTH A CERTAIN NUMBER OF POINTS.

THIS KIT CONTAINS:

- **100 X LETTER TILES**
- **1 X TILE HOLDER**
- **1 X DRY ERASE POCKET, MARKER & ERASER**
- **8 X TASK CARDS**

 + + +

LETTER TALLY

A TYPICAL **SQWABBLE** SET HAS 100 LETTER TILES.
COMPLETE THE TALLY TO FIND OUT HOW MANY OF EACH LETTER ARE INCLUDED IN THE SET.

A₁ _____ B₃ _____ C₃ _____ D₂ _____ E₁ _____ F₄ _____

G₂ _____ H₄ _____ I₁ _____ J₈ _____ K₅ _____ L₁ _____

M₃ _____ N₁ _____ O₁ _____ P₃ _____ Q₁₀ _____ R₁ _____

S₁ _____ T₁ _____ U₁ _____ V₄ _____ W₄ _____ X₈ _____

Y₄ _____ Z₁₀ _____ ☐ _____   **TOTAL: _____**

CHECK THAT THE TOTAL NUMBER OF TILES ADDS UP TO **100**.
WHAT ARE THE **MOST COMMON** LETTERS IN THE SET?
WHAT ARE THE **LEAST COMMON** LETTERS IN THE SET?

WHAT'S A NAME WORTH?

A TYPICAL **SQWABBLE** SET HAS 100 LETTER TILES.

WHAT LETTERS ARE WORTH THE **MOST** POINTS?

WHAT LETTERS ARE WORTH THE **LEAST** POINTS?

HOW MANY POINTS IS YOUR NAME WORTH?

FOR EXAMPLE
XAVIER IS WORTH 8 + 1 + 4 + 1 + 1 + 1 = **16 POINTS**

IN YOUR FAMILY, WHOSE NAME IS WORTH THE **MOST** POINTS?

IN YOUR FAMILY, WHOSE NAME IS WORTH THE **LEAST** POINTS?

MADAM, I'M ADAM

SOME WORDS AND PHRASES READ THE SAME FORWARDS AND BACKWARDS. THESE ARE KNOWN AS PALINDROMES.

EXAMPLES

- ABBA
- OTTO
- KAYAK
- LEVEL
- HANNAH
- WAS IT A CAT I SAW?
- A MAN, A PLAN, A CANAL - PANAMA!

M U M
D A D

CAN YOU FIND SOME OTHER EXAMPLES OF PALINDROMES?

WRITE THEM HERE.

_____ _____ _____ _____

_____ _____ _____ _____

DID YOU KNOW?

A MADE-UP WORD FOR THE FEAR OF PALINDROMES IS AIBOHPHOBIA. CAN YOU SEE WHY?

NUMBER WORDS

CAN YOU FIND A NUMBER WHICH IS EQUAL TO ITS POINT VALUE?

EXAMPLES

O₁ N₁ E₁   1 + 1 + 1 = 3 ✗

E₁ I₁ G₂ H₄ T₁   1 + 1 + 2 + 4 + 1 = 9 ✗

E₁ L₁ E₁ V₄ E₁ N₁

T₁ W₄ E₁ L₁ V₄ E₁

T₁ H₄ I₁ R₁ T₁ E₁ E₁ N₁

F₄ O₁ U₁ R₁ T₁ E₁ E₁ N₁

S₁ I₁ X₈ T₁ E₁ E₁ N₁

HOW MANY POINTS IS **ONE HUNDRED** WORTH?

HOW MANY POINTS IS **ONE THOUSAND** WORTH?

HOW MANY POINTS IS **ONE MILLION** WORTH?

HOW MANY POINTS IS **ONE BILLION** WORTH?

CAN YOU FIND ANY OTHERS?

COUNTRY POINTS

WORK OUT HOW MANY POINTS EACH OF THESE COUNTRIES SCORES IN SQWABBLE.

AUSTRALIA	COLOMBIA	GHANA	JAMAICA	SINGAPORE
AUSTRIA	CROATIA	GREECE	JAPAN	SWEDEN
BANGLADESH	CUBA	GUATEMALA	KAZAKHSTAN	SWITZERLAND
BELARUS	DENMARK	HUNGARY	LUXEMBOURG	THAILAND
BELGIUM	ECUADOR	ICELAND	MALAYSIA	TANZANIA
BOLIVIA	EGYPT	INDIA	NEW ZEALAND	UKRAINE
BRAZIL	ESTONIA	INDONESIA	OMAN	UNITED STATES
BULGARIA	ETHIOPIA	IRAN	PAKISTAN	VENEZEULA
CAMBODIA	FINLAND	IRAQ	QATAR	VIETNAM
CANADA	FRANCE	IRELAND	ROMANIA	YEMEN
CHINA	GABON	ITALY	SAUDI ARABIA	ZIMBABWE

SPECIAL SENTENCE

WHAT IS SPECIAL ABOUT THE FOLLOWING SENTENCE?

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG

HINT:
THIS SENTENCE MAY BE USED AS AN EXERCISE BY PEOPLE WHO ARE LEARNING TO TYPE.

POINTS FOR FLAVOUR

WHAT IS THE POINT VALUE FOR EACH OF THE FOLLOWING ICE CREAM FLAVOURS?

C_3 H_4 O_1 C_3 O_1 L_1 A_1 T_1 E_1

V_4 A_1 N_1 I_1 L_1 L_1 A_1

S_1 T_1 R_1 A_1 W_4 B_3 E_1 R_1 R_1 Y_4

S_1 P_3 E_1 A_1 R_1 M_3 I_1 N_1 T_1

B_3 A_1 N_1 A_1 N_1 A_1

M_3 A_1 N_1 G_2 O_1

F_4 R_1 O_1 Z_{10} E_1 N_1 Y_4 O_1 G_2 H_4 U_1 R_1 T_1

WHAT IS THE POINT VALUE OF YOUR FAVOURITE FLAVOUR?

MAXIMUM POINTS

UP TO EIGHT (8) TILES CAN BE PLACED ON A SQWABBLE TILE HOLDER.

WHAT IS THE MAXIMUM NUMBER OF POINTS YOU CAN HAVE ON YOUR TILE HOLDER IF:

(A) ANY LETTERS CAN BE USED FROM THE SET (REPEATS ALLOWED)

(B) EACH LETTER MAY ONLY APPEAR ONCE
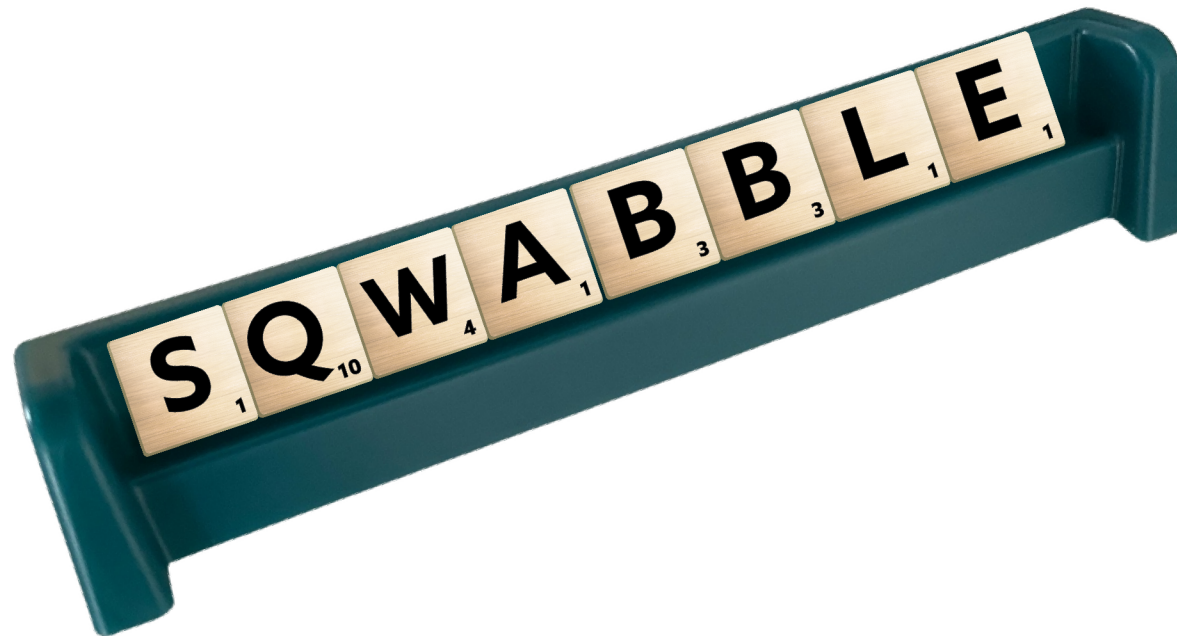
NOTICE SQWABBLE HAS REPEATED LETTERS.
IT HAS A VALUE OF 1 + 10 + 4 + 1 + 3 + 3 + 1 + 1 = 24 POINTS.

LETTER LADDER

STACK THE TILES ABOVE EACH LETTER. WHAT DO YOU NOTICE?

A₁ B₃ C₃ D₂ E₁ F₄ G₂ H₄ I₁ J₈ K₅ L₁ M₃ N₁ O₁ P₃ Q₁₀ R₁ S₁ T₁ U₁ V₄ W₄ X₈ Y₄ Z₁₀

LETTER LADDER

TASK CARD #9

STACK THE TILES ABOVE EACH LETTER. WHAT DO YOU NOTICE?

LETTER DROP

STACK THE TILES ABOVE EACH LETTER. WHAT DO YOU NOTICE?

SPEAKING GEOMETRICALLY

WHAT IS THE POINT VALUE FOR EACH OF THE FOLLOWING WORDS?

G₂ E₁ O₁ M₃ E₁ T₁ R₁ Y₄

T₁ R₁ I₁ A₁ N₁ G₂ L₁ E₁

P₃ A₁ R₁ A₁ L₁ L₁ E₁ L₁ O₁ G₂ R₁ A₁ M₃

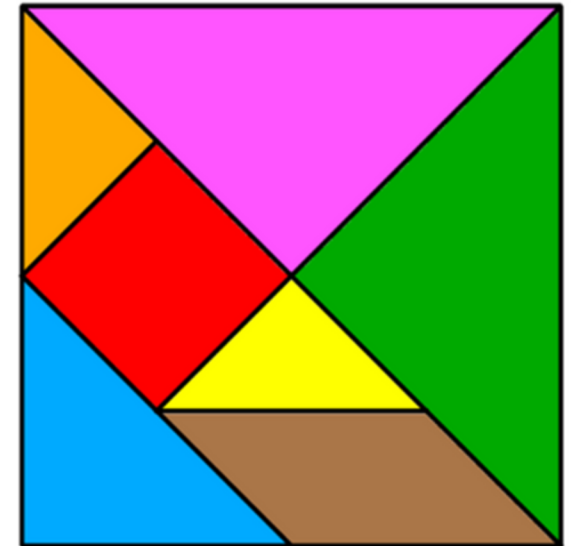R₁ H₄ O₁ M₃ B₃ U₁ S₁

T₁ R₁ A₁ P₃ E₁ Z₁₀ I₁ U₁ M₃

S₁ Q₁₀ U₁ A₁ R₁ E₁

A₁ N₁ G₂ L₁ E₁ S₁

P₃ O₁ L₁ Y₄ G₂ O₁ N₁ S₁

S₁ H₄ A₁ P₃ E₁ S₁

R₁ E₁ C₃ T₁ A₁ N₁ G₂ L₁ E₁

T₁ A₁ N₁ G₂ R₁ A₁ M₃ S₁

ALGEBRA

WHAT IS THE POINT VALUE FOR EACH OF THE FOLLOWING EQUATIONS?

$A_1 + B_3 = $ _____

$A_1 + B_3 + C_3 = $ _____

$H_4 + I_1 + J_8 + K_5 = $ _____

$P_3 + Q_{10} + R_1 + S_1 = $ __

$A_1 + Z_{10} = $ _____

$A_1 \times B_3 = $ _____

$A_1 \times B_3 \times C_3 = $ _____

$M_3 \times P_3 \times Q_{10} = $ _____

$X_8 \times Y_4 = $ _____

$X_8 \times Y_4 \times Z_{10} = $ _____

$Z_{10} \times Z_{10} \times Z_{10} = $ _____

SQWABBLE CLASS CUP

USE A THINK-PAIR-SHARE APPROACH TO COMPARE POINTS VALUES FOR EACH PAIR, GROUP OF FOUR, THEN THE WHOLE CLASS. THE WINNER MOVES TO THE NEXT ROUND.

MATTHEW
3+1+1+1+4+1+4 = 15

MARK
3+1+1+5 = 10

MATTHEW
3+1+1+1+4+1+4 = 15

LUKE
1+1+5+1 = 8

JOHN
8+1+4+1 = 14

JOHN
8+1+4+1 = 14

MATTHEW

WHICH PLAYER HAS THE LOWEST POINT SCORE?
WHICH PLAYER HAS THE HIGHEST POINT SCORE?
WHAT IS THE MEAN/MEDIAN NUMBER OF LETTERS IN STUDENTS' NAMES?
WHAT IS THE MEAN/MEDIAN POINT SCORE?