

CREATING STRONG PASSWORDS

GRADES K-2



OBJECTIVES

By the end of this lesson, students will be able to:

- Define what is a password.
- Open the keyboard on an iPad.
- Identify characters on the iPad.
- Begin to memorize location of keys.



ENGAGE

Turn and Talk:

What is this a picture of?
What does it do?



EXPLAIN

Answer:

Keys are used to open locks. You might have a lock on a door, car, or other places you want to keep things safe.



Today we will learn about **passwords** and how we can use them as a **key** to protect our devices and ourselves online.

EXPLAIN

MFA

Multi-Factor Authentication

SAY: Sometimes you will need to use a **MFA** as an added layer of protection online. It's like having a secret handshake plus a special key to access your account.

EXAMPLE:

I chose the backpack image for my MFA because I got a new backpack for school and I am excited about it.



EXPLAIN

Grades PreK-5 Password Requirements

8 Characters

Recommended

1 uppercase letter

1 lowercase letter

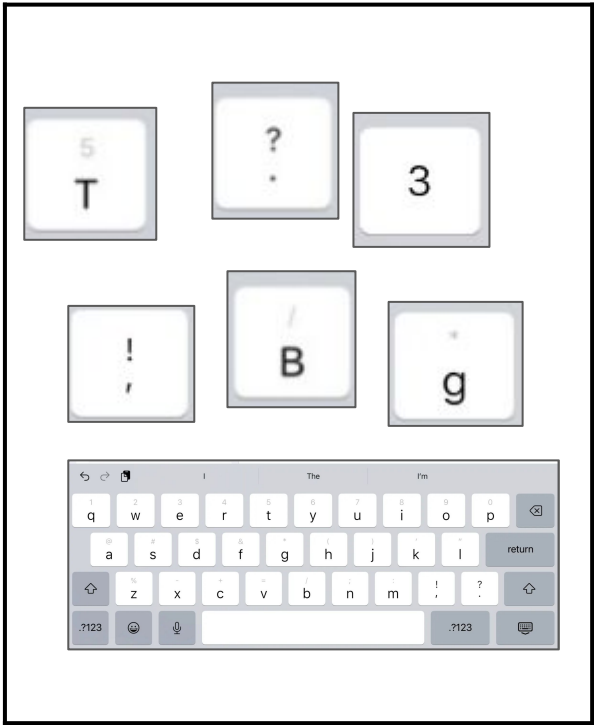
1 number

1 special character

EXPLORE





VOCABULARY: Drag and drop the images to match the different vocabulary terms.

KEYBOARD	
LETTER KEYS	
NUMBER KEYS	
SYMBOL KEYS	



EXPLAIN

ANSWER 

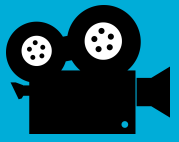
KEYBOARD	
LETTER KEYS	
NUMBER KEYS	
SYMBOL KEYS	

ANSWER:

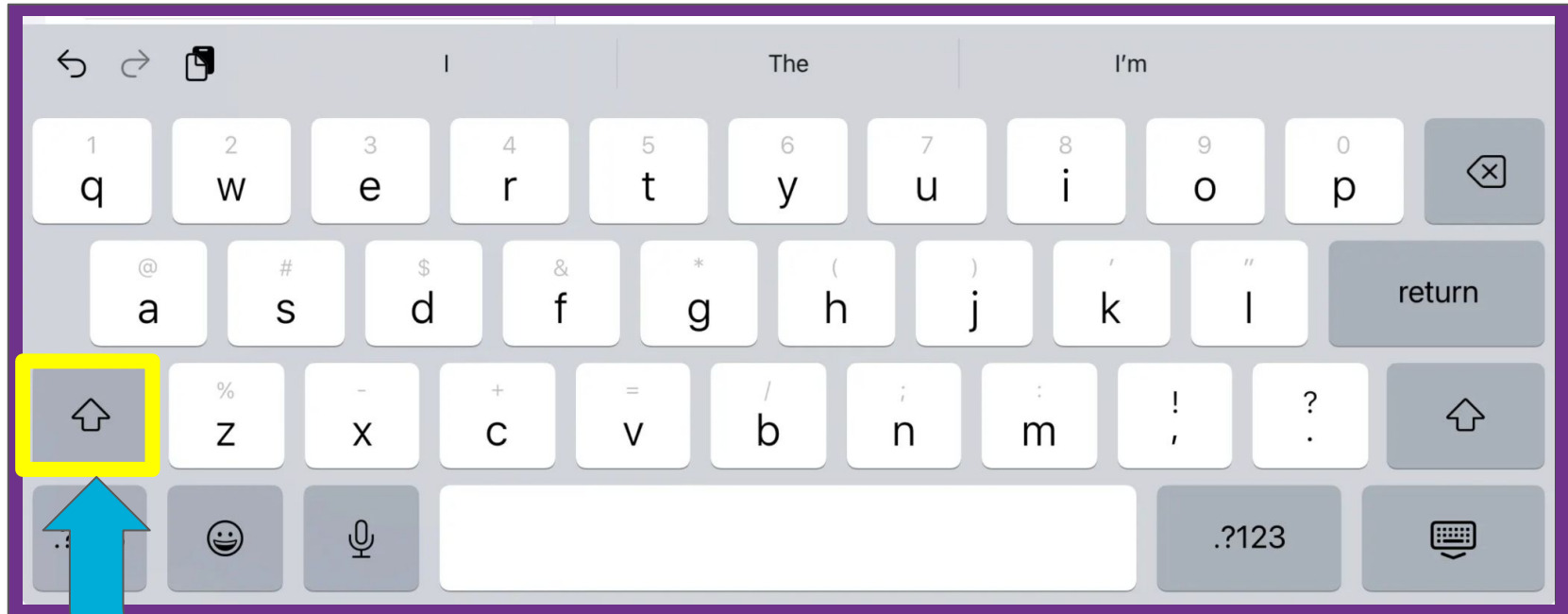
There are more letter, number, and symbol keys on the keyboard.

Can you name any more?

EXPLAIN



MODEL: Use the Up arrow to change from the lowercase keyboard to uppercase.

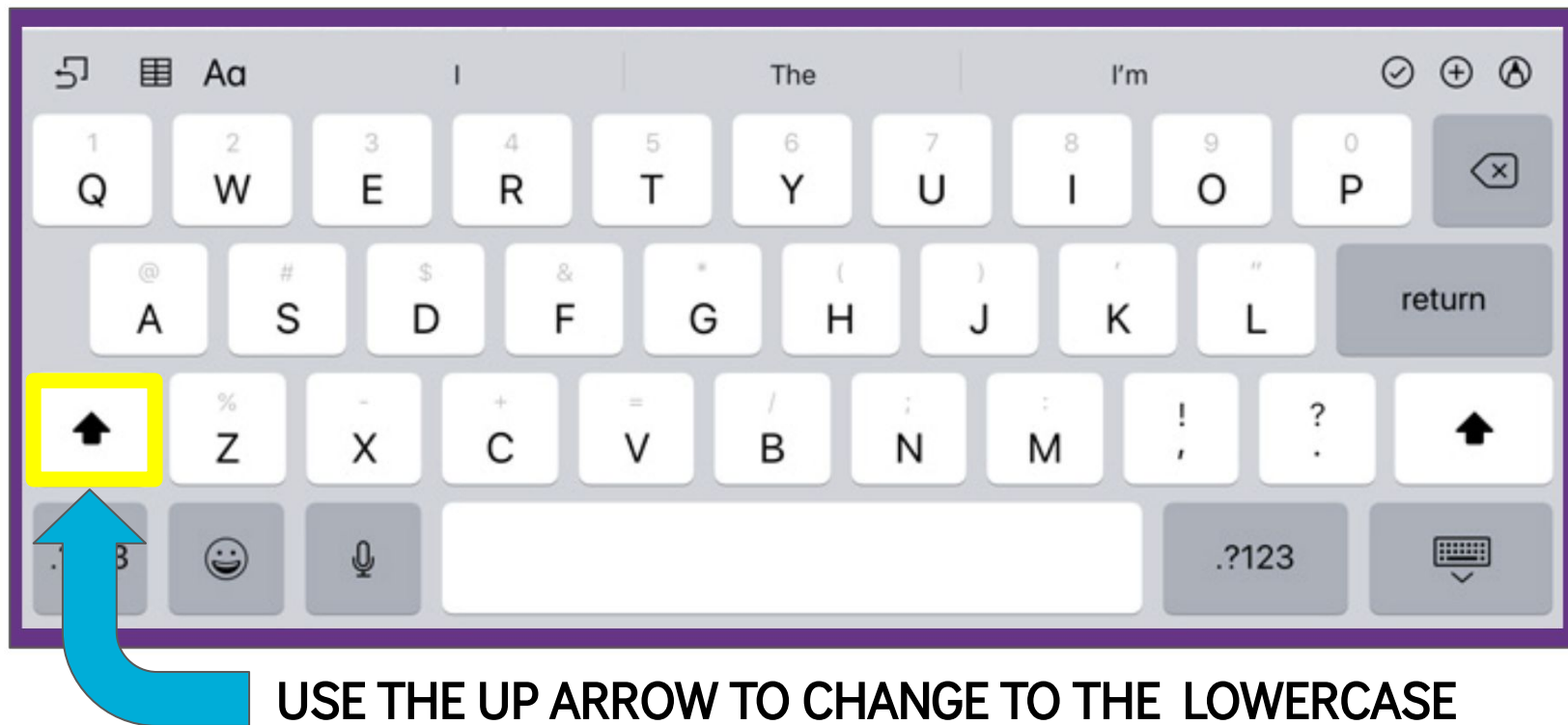


**USE THE UP ARROW TO CHANGE TO THE UPPERCASE
KEYBOARD**

EXPLAIN



MODEL: Use the Up arrow to change from the uppercase keyboard to lowercase.

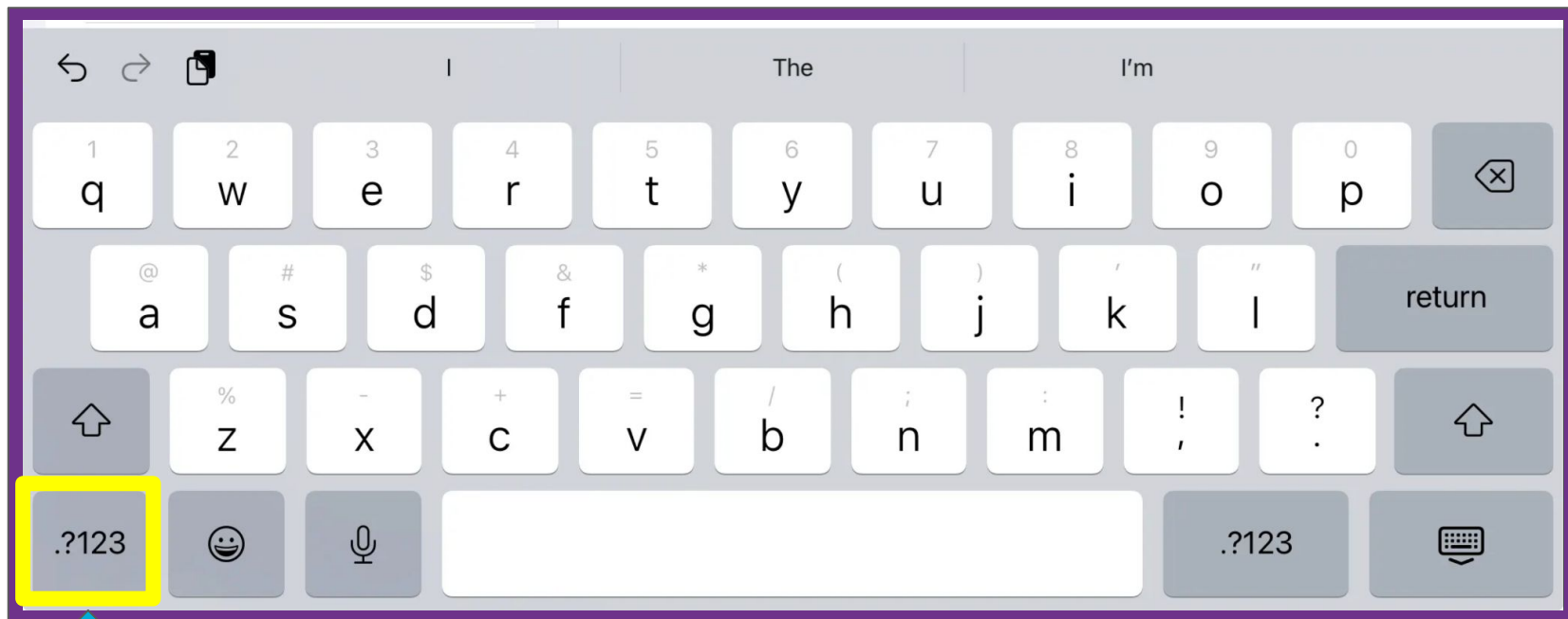


USE THE UP ARROW TO CHANGE TO THE LOWERCASE
KEYBOARD

EXPLAIN



MODEL: Use the  to change to the numerical keyboard.



USE THE



TO CHANGE TO THE NUMERICAL KEYBOARD

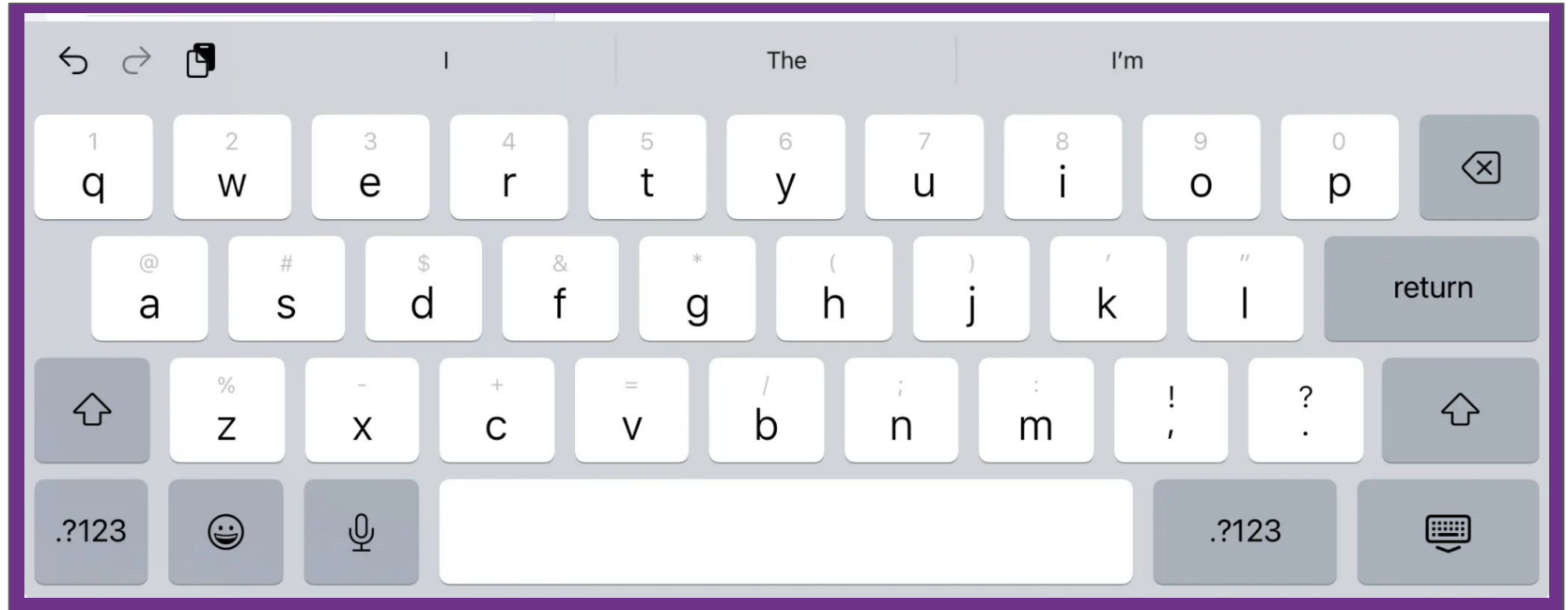
EXTEND

Practice: Use the keyboard below to practice finding the letters.

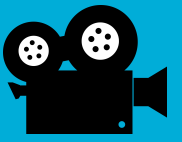
Drag and Drop:



panthers



EXTEND

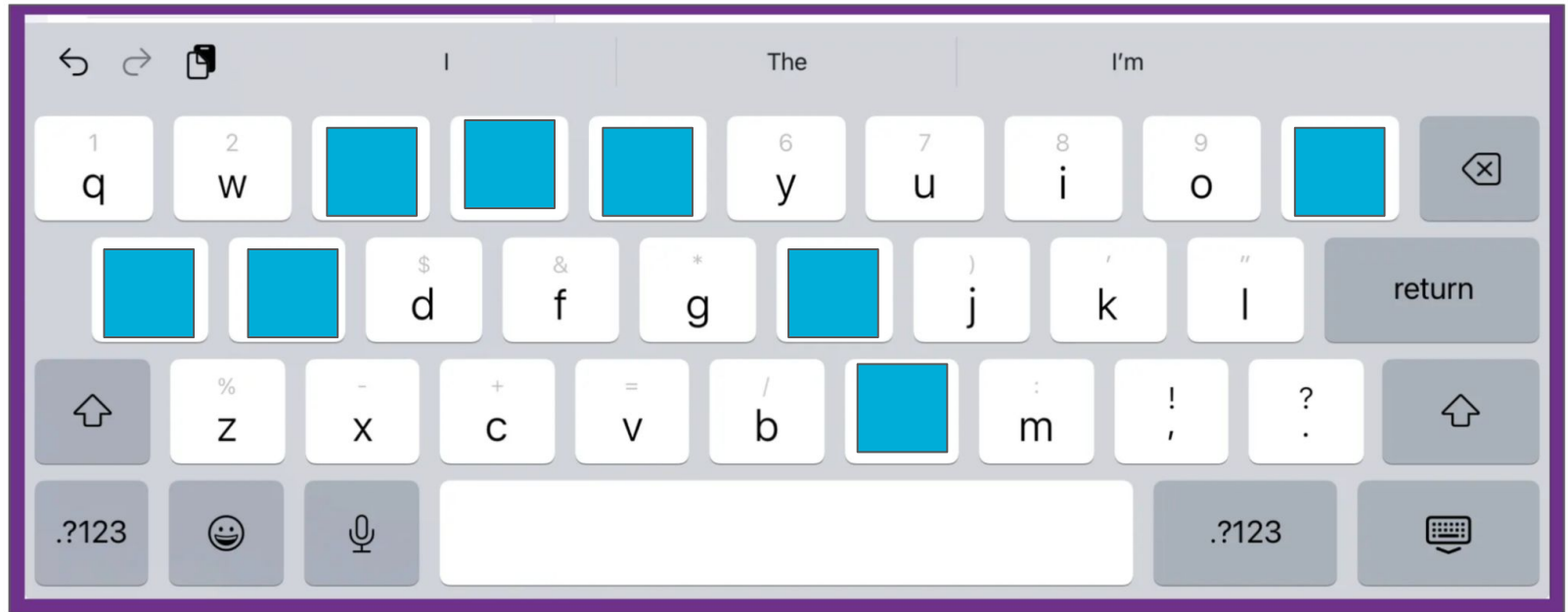


ANSWER



Drag and Drop:

panthers



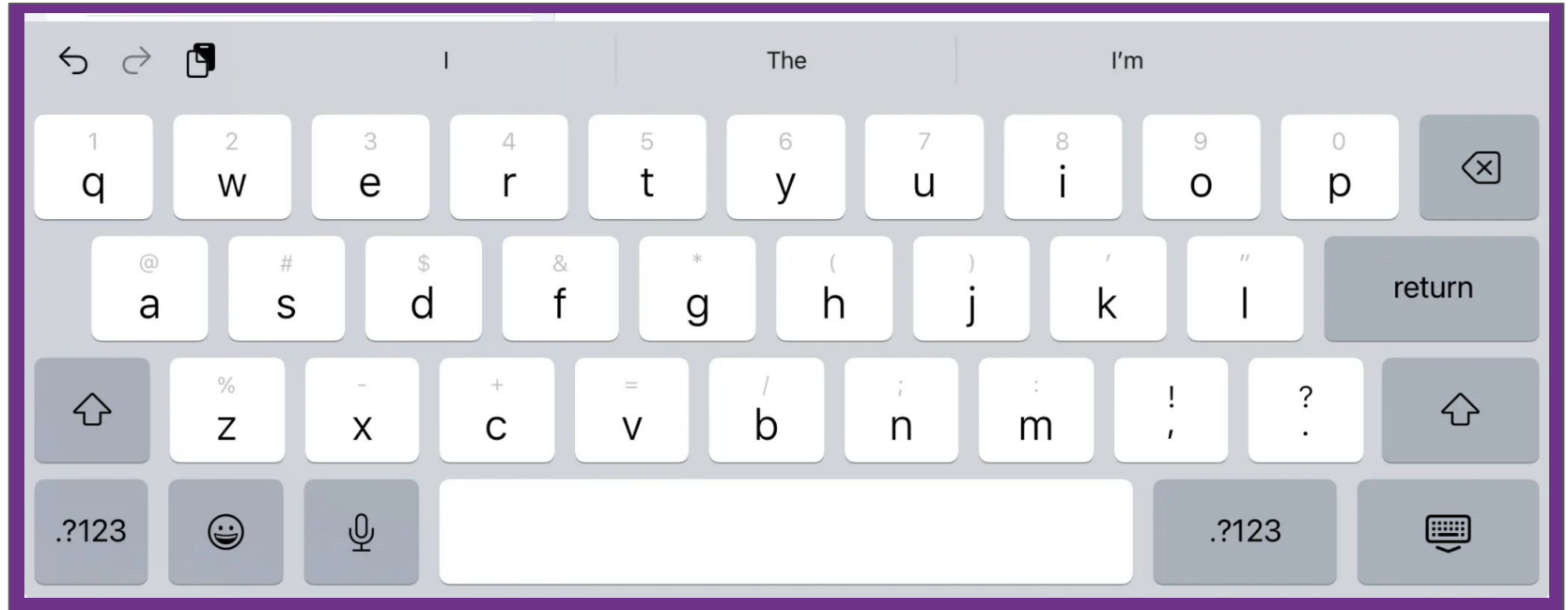
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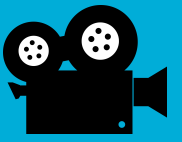
Drag and Drop:



cardinal



EXTEND

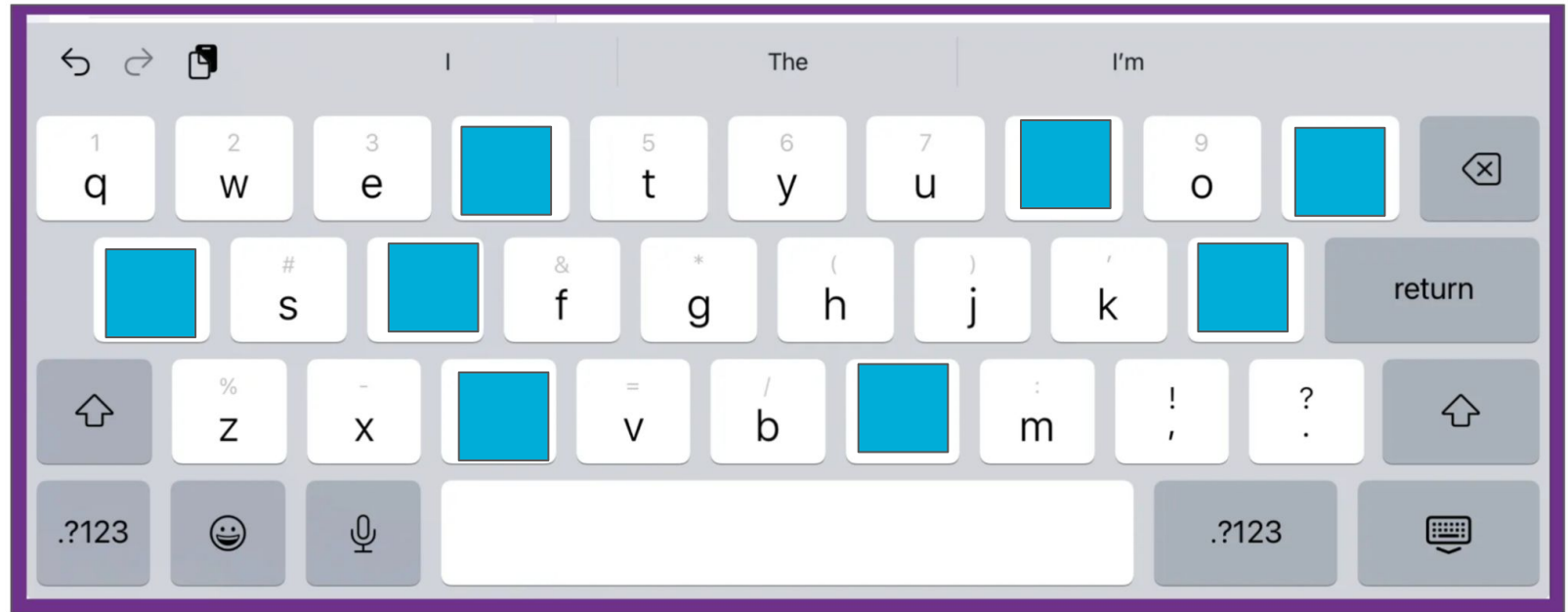


ANSWER



Drag and Drop:

cardinal



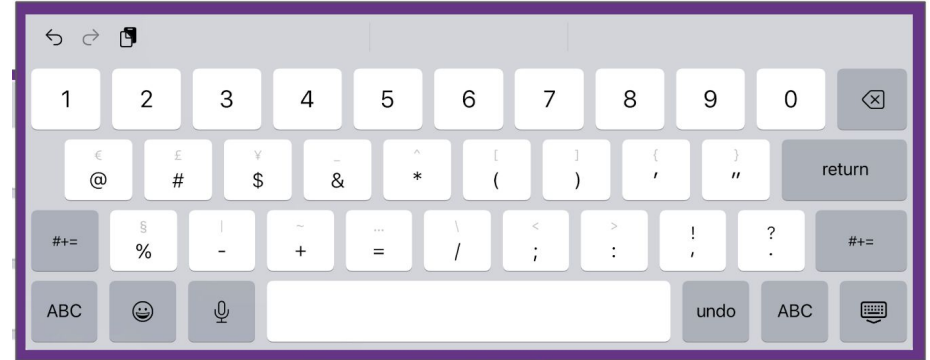
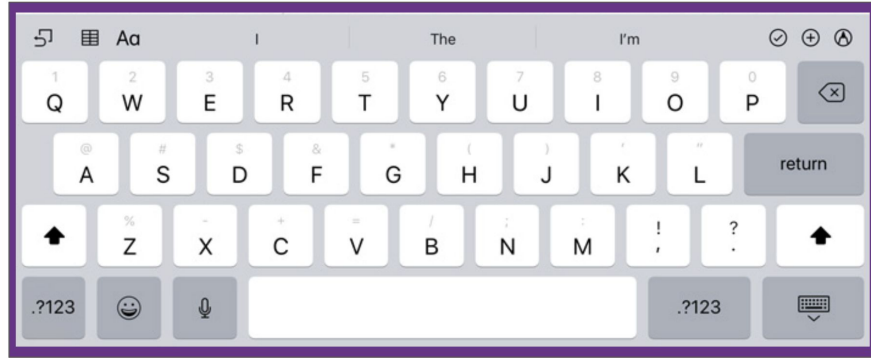
EXTEND

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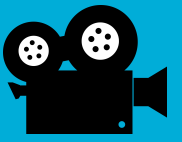
Drag and Drop:



crown704



EXTEND

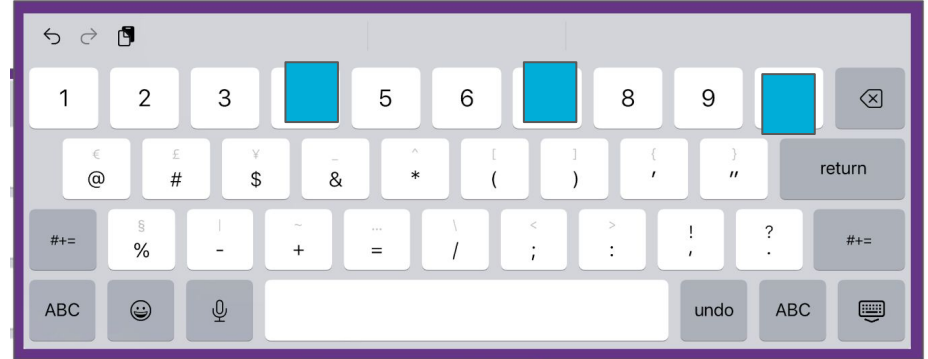
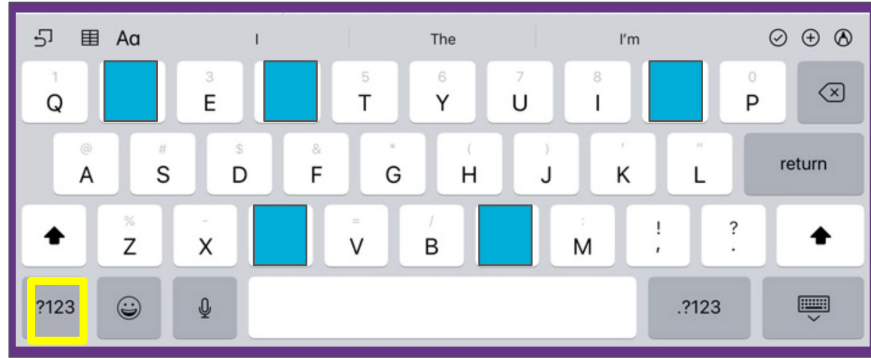


ANSWER:



Drag and Drop:

crown704



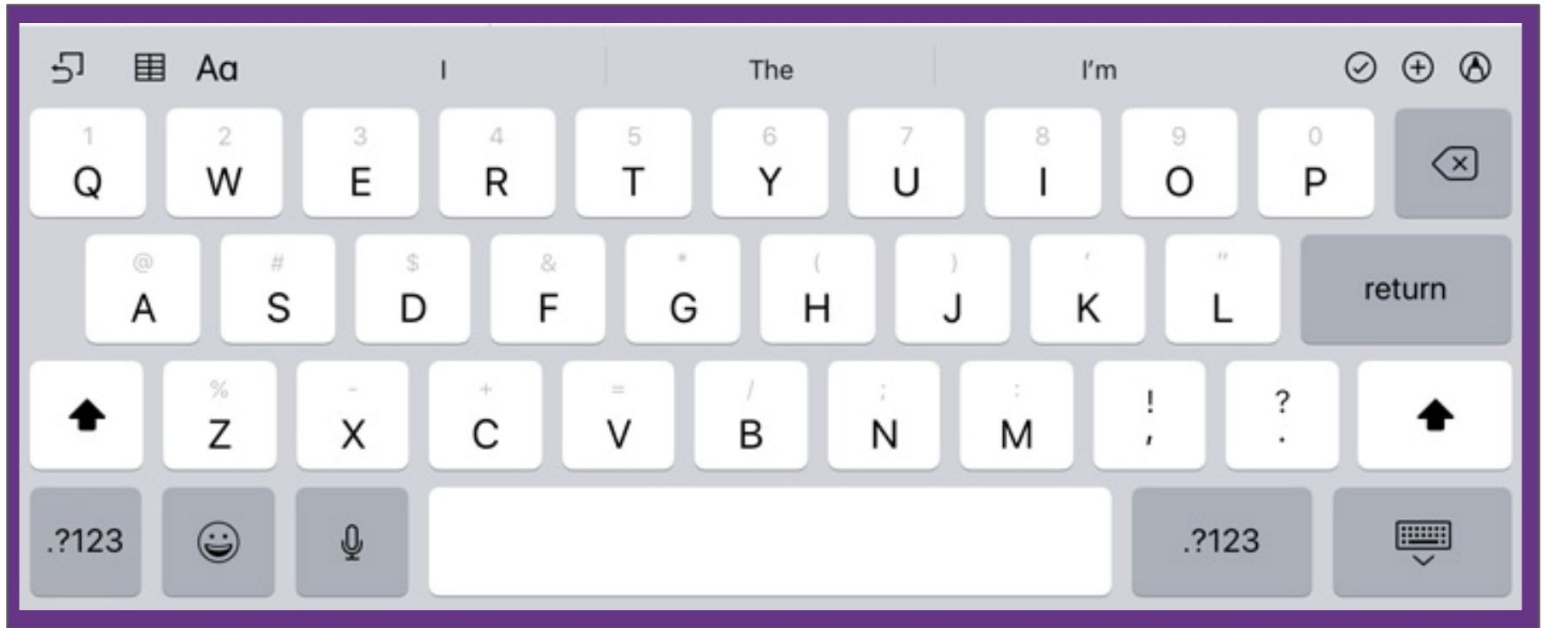
EXTEND

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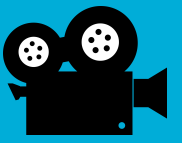
Drag and Drop:



PANTHERS



EXTEND

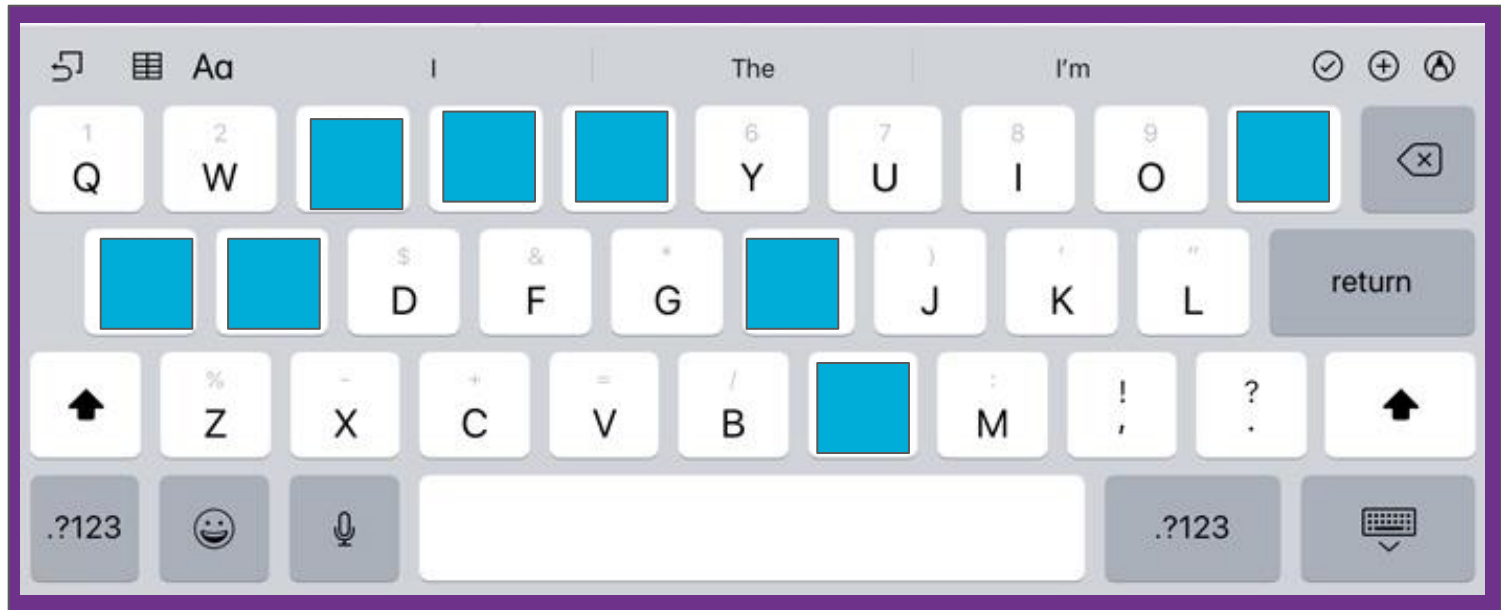


ANSWER



Drag and Drop:

PANTHERS



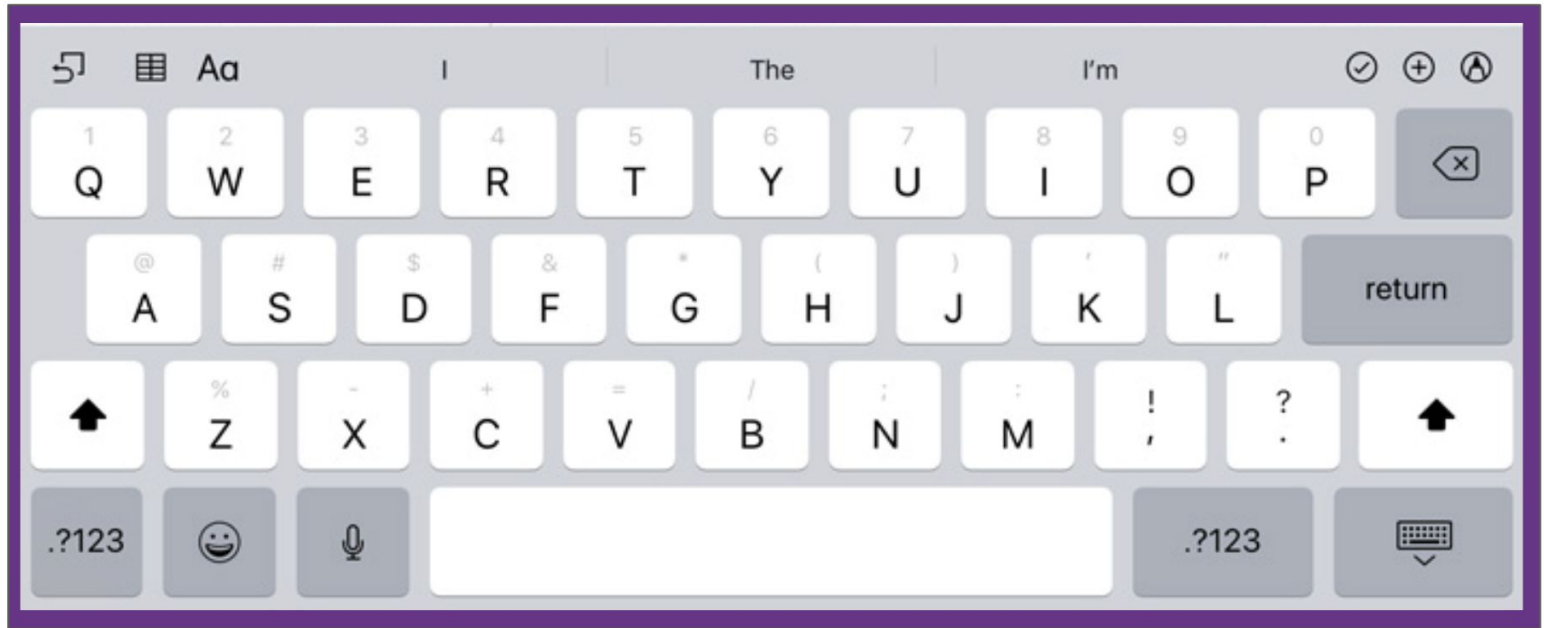
EXTEND

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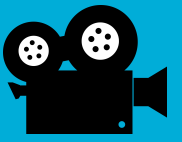
Drag and Drop:



CARDINAL



EXTEND



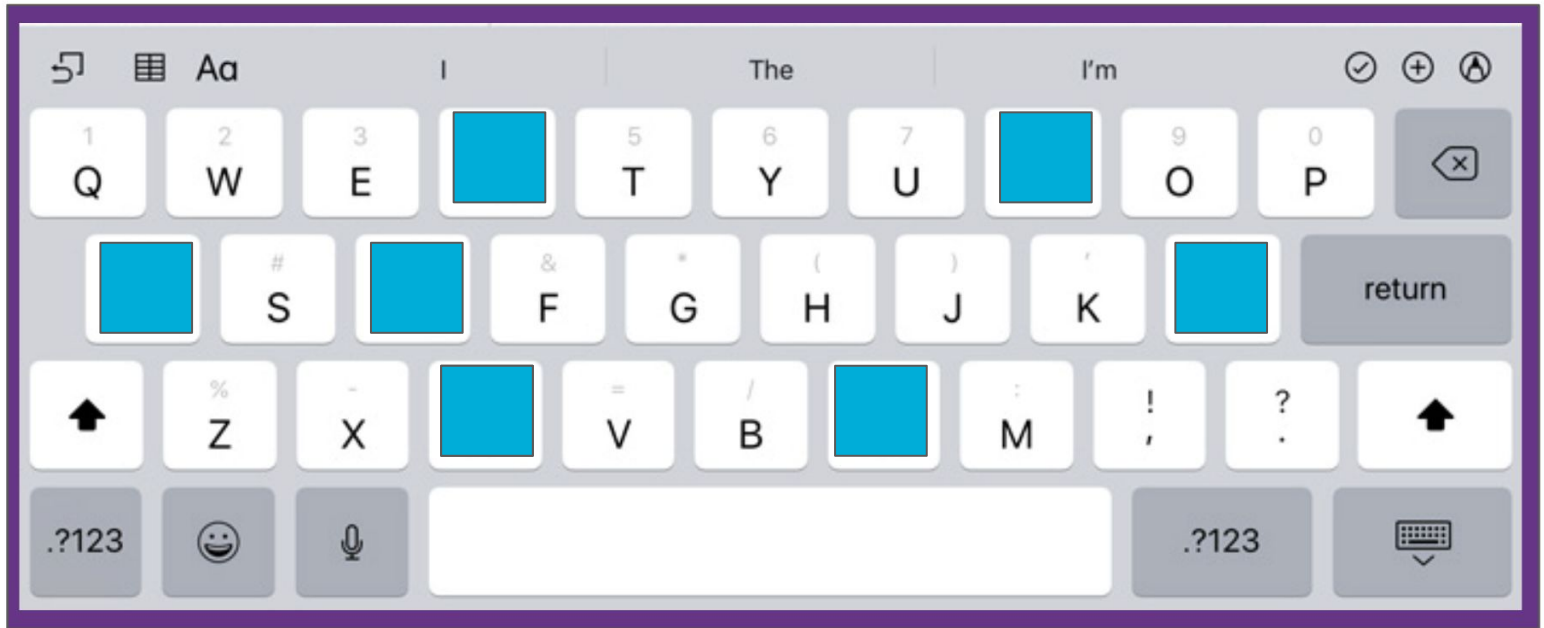
ANSWER



Drag and Drop:



CARDINAL



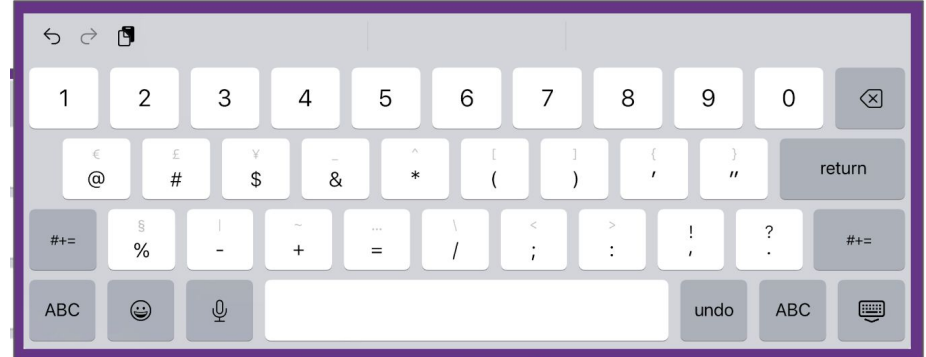
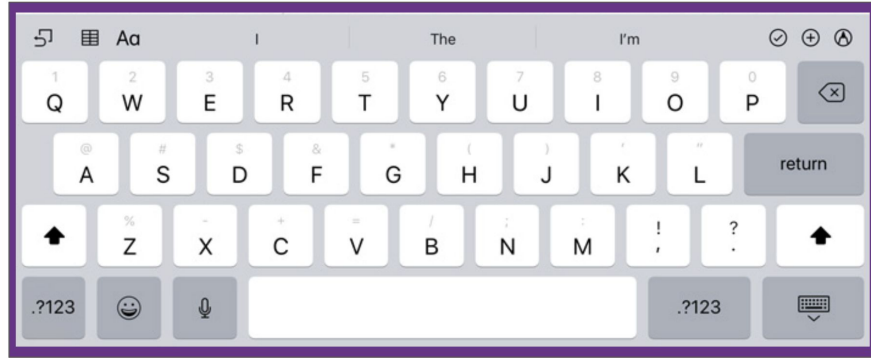
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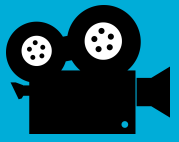
Drag and Drop:



CROWN704



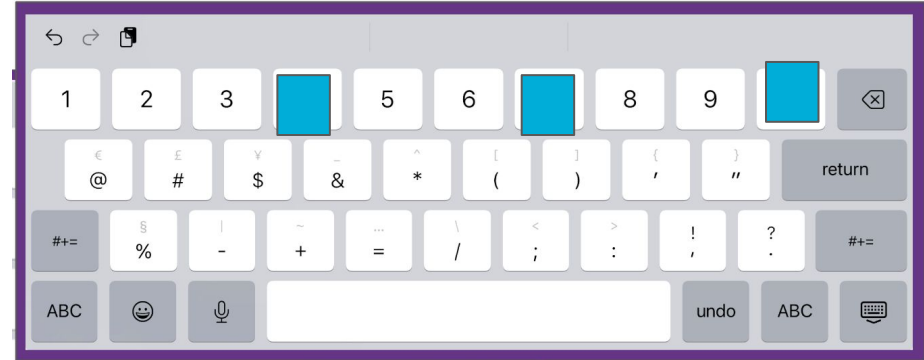
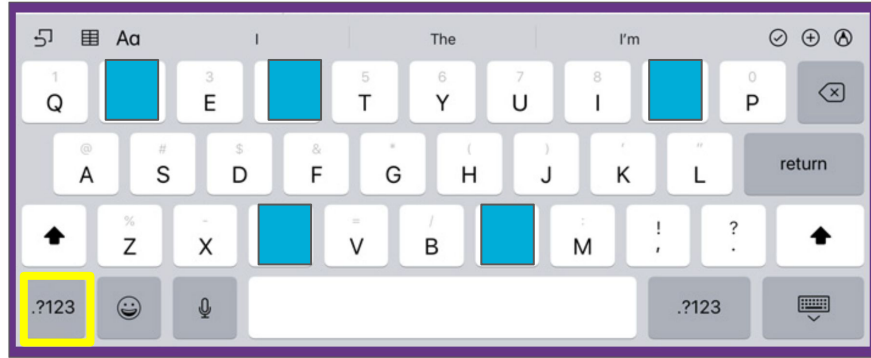
EXTEND



ANSWER: 

Drag and Drop:

CROWN704



USE THE



TO CHANGE TO THE NUMBER KEYBOARD

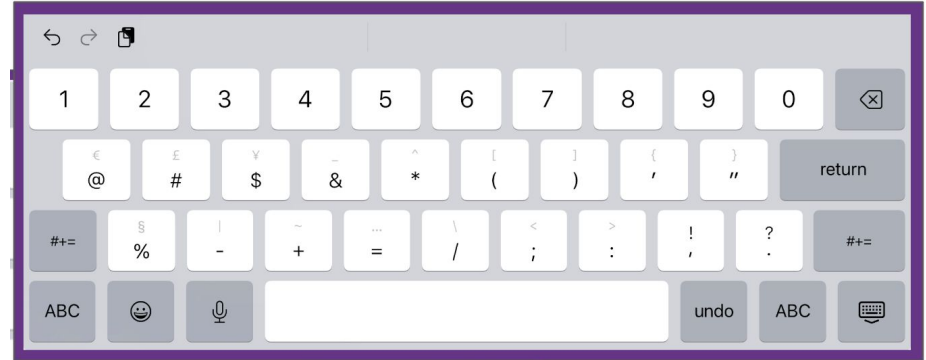
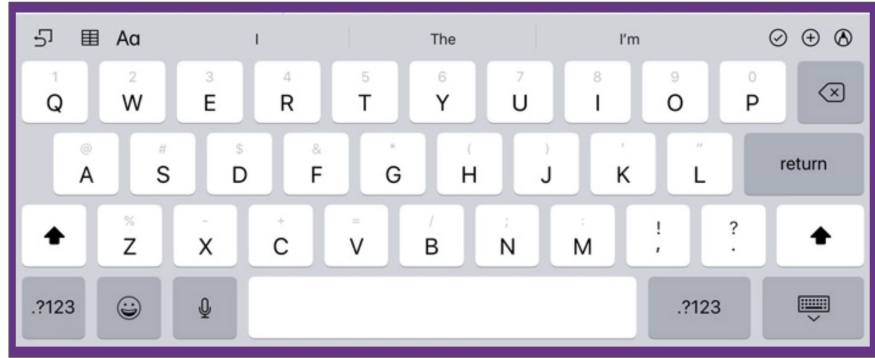
EXTEND

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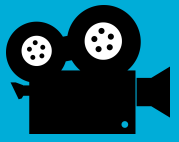
Drag and Drop:



QUEEN980



EXTEND

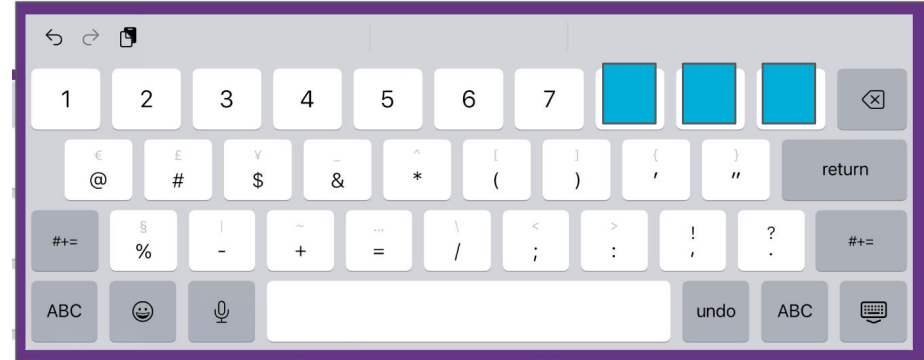
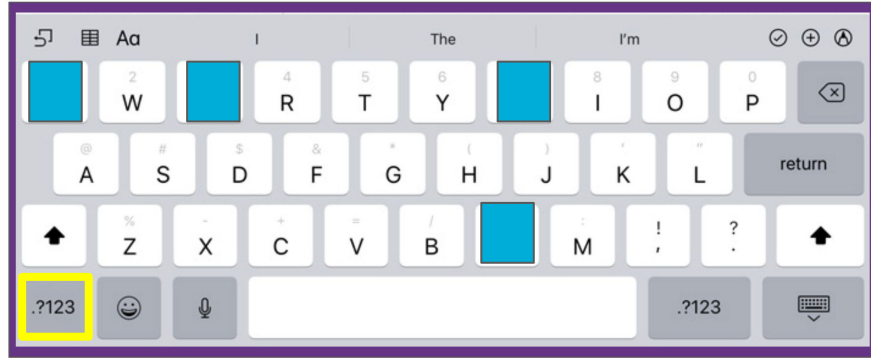


ANSWER:



Drag and Drop:

QUEEN980



USE THE



TO CHANGE TO THE NUMBER KEYBOARD

ADDITIONAL RESOURCES

[CMS LAUNCHPAD TOOLKIT](#)

[SUPPLEMENTAL RESOURCE](#)

*PRINT THE ABOVE RESOURCE FOR ADDITIONAL HANDS-ON
INTERACTIVE PRACTICE.*

[PASSWORD POWER UP LESSON](#)

[TEACHING KIDS TO PROTECT THEIR DATA ONLINE](#)

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