

PRACTICE2MASTER ABACUS

An Interactive Way for Learning the Cranmer
Abacus

POSB Math & Science, 2023



AMERICAN
PRINTING
HOUSE



About Practice2Master Abacus

- Practice2Master Abacus creates an interactive abacus learning experience like no other app! It allows students to take lessons, practice skills, and monitor their progress by completing quizzes and drills, all at their own pace.



Lessons
Practice
Drill
Saved Reports
Problem Lists
Certificates
Settings
How to Use
About

About Practice2Master Abacus, cont.

- \$9.99
- Compatible with iOS and Android tablets and phones
- Eligible for Quota fund
- Designed for teaching the Cranmer Abacus or Large Abacus

Main Components

- Lessons
- Practice
- Drill

Lessons



Lessons

Abacus Basics

Addition

Subtraction

Multiplication

Division

- Twenty-two lessons covering abacus basics, addition, subtraction, multiplication, and division

Lessons (cont.)

- Step-by-step instructions on problem solving and detailed explanations of abacus use
- An accessible over-screen abacus for illustration

[< Back](#)

Slide 3

[previous](#)

[next](#)

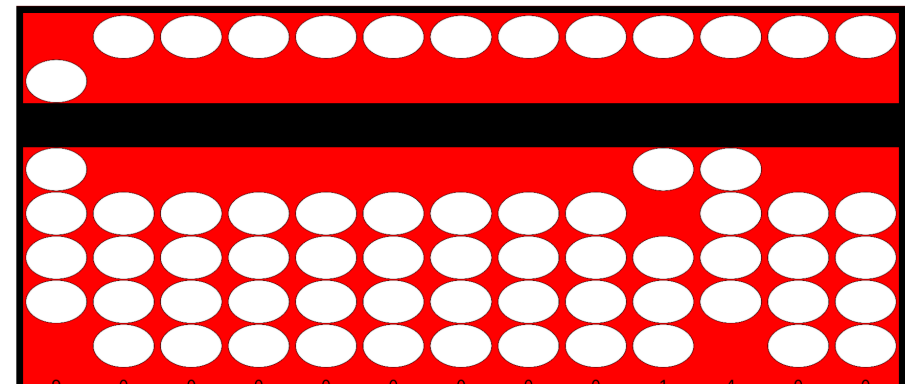
$$9 \times 14 =$$

The first step is to set up both factors on the abacus.


The first factor is always set on the extreme left.

So, set the number 9 on the first rod from the left.

To determine the location of the second factor, we add together: the number of digits in the first factor, 1; the number of digits in the second factor, 2; and an additional 1.




Practice

 Practice

[Help](#) [Skip](#)

$442 \times 58 =$

[Show Abacus](#) [Submit](#)

7	8	9
4	5	6
1	2	3
R	0	

- Unlimited number of problems tailored to students' learning progress
- Immediate assistance whenever needed

Drill

- An effective tool for monitoring progress
- Can be customized to fit diverse needs



Question 1 of 5

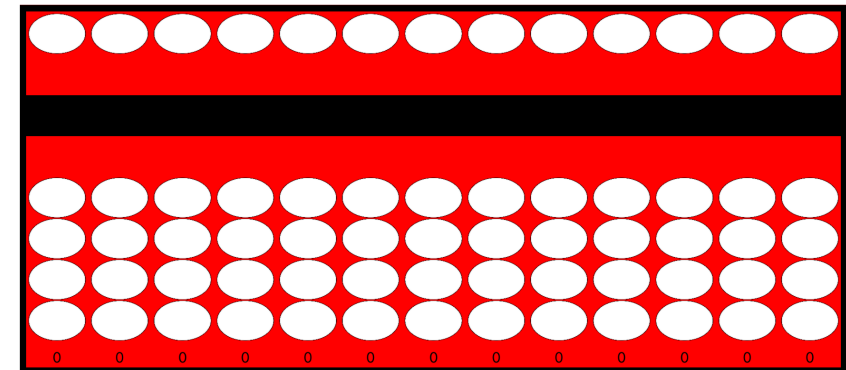
00:00:40

Skip

$$865 \times 616 =$$

Show Keyboard

Submit



Drill Report

The screenshot displays a 'Saved Reports' interface. On the left, a list of reports is visible, including 'Drill Report April 15, 2022, 8:44 A', 'Drill Report April 8, 2022, 10:58 A', 'report 1 April 7, 2022, 10:49 A', and 'report 2 April 7, 2022, 11:15 A'. A modal window titled 'Results' is open, showing details for 'report 1'. The modal includes the following information:

- Results**
- Date Completed: April 15, 2022
- Duration: 2 minutes and 23 seconds
- You got 1 out of 5 questions correct!
20%
- Review Questions:
- 3931 ÷ 97 = 8, remainder 0, Incorrect. The correct answer is 40, remainder 51.
- 7726 ÷ 76 = 8, remainder 0, Incorrect. The correct answer is 101, remainder 50.
- 5236 ÷ 47 = 8, remainder 0, Incorrect. The correct answer is 111, remainder 19.
- 8686 ÷ 66 = 131, remainder 40, Correct
- 8783 ÷ 15 = Skipped. The correct answer is 585, remainder 8.
- [Close Report](#)

- Can be shared with teachers

Other Components

Practice **2** Master
Abacus

Lessons

Practice

Drill

Saved Reports

Problem Lists

Certificates

Settings

How to Use

About

How to Get

- iOS or Android, Non-Quota: Open App Store or Google Play and search "Practice2Master Abacus."
- iOS or Android, Quota: Send a signed Federal Quota Purchase Order to po@aph.org to receive promo code(s).

Catalog Numbers

- D-30080-AP - Practice2Master Abacus, iOS, Non-Quota
- D-30080-APL - Practice2Master Abacus, iOS, Quota
- D-30080-AN - Practice2Master Abacus, Android, Non-Quota
- D-30080-AND - Practice2Master Abacus, Android, Quota

THANK YOU!

For questions, please contact Li Zhou at
lzhou@aph.org



AMERICAN
PRINTING
HOUSE FOR
THE BLIND

