

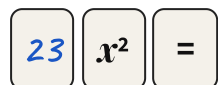
Using a Calculator: Powers, Roots and Brackets

1

Work out

$$23^2$$

the keys, in order



the display shows



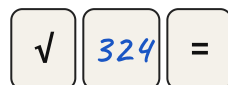
Answer 529

2

Work out

$$\sqrt{324}$$

the keys, in order



the display shows



Answer 18

3

Work out

$$16^2 + 75$$

the keys, in order



the display shows



Answer 331

4

Work out

$$(38 + 47) \times 6$$

the keys, in order



the display shows



Answer 510

5

Work out

$$12^3$$

the keys, in order



the display shows



Answer 1728

6

Work out

$$432 \div (9 + 15)$$

the keys, in order



the display shows

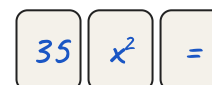


Answer 18

7

A square field has sides of 35 m.
Work out the area of the field.

the keys, in order



the display shows

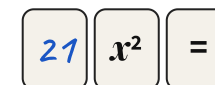


Answer 1225 m²

8

Ali types a number, then x^2 then $=$. The display shows 441.
What number did Ali type?

the keys, in order



the display shows



Answer 21

Using a Calculator: Powers, Roots and Brackets

further practice

ANSWERS 

9

Work out

$$28^2 - 300$$

the keys, in order



the display shows



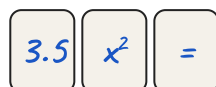
Answer 484

10

Work out

$$3.5^2$$

the keys, in order



the display shows



Answer 12.25

11

Work out

$$(125 + 91) \div 12$$

the keys, in order



the display shows

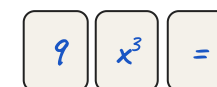


Answer 18

12

A box is a cube. Its edges are 9 cm long. Work out the volume of the box.

the keys, in order



the display shows



Answer 729 cm³

13

Which is bigger, 7^3 or 18^2 ?

$$7^3 = \boxed{343}$$

$$18^2 = \boxed{324}$$

Bigger 7^3

14

A square garden has an area of 576 m². How long is one side?

the display shows



$$\sqrt{576} =$$

Answer 24 m

15

Work out

$$(13 + 8)^2$$

the display shows



$$(13 + 8) \times^2 =$$

Answer 441

16

Tom wants to work out $60 \div (4 + 1)$. He types these keys. What has he done wrong?

the keys, in order



the display shows



Tom forgot the brackets

Right answer 12