

Using a Calculator: Powers, Roots and Brackets



1

Use your calculator to work out
 $3.2^2 + 4.5$

the keys, in order

the display shows

Answer _____

2

Use your calculator to work out
 $\sqrt{6.25 \times 4}$

the keys, in order

the display shows

Answer _____

3

Use your calculator to work out 2.5^3

the keys, in order

the display shows

Answer _____

4

Use your calculator to work out
 $\sqrt{12.25 + 3.1^2}$

the keys, in order

the display shows

Answer _____

5

Use your calculator to work out
 $(4.8 + 7.2) \div 0.6$

Answer _____

6

Use your calculator to work out
 $18.9 \div (2.7 + 1.5)$

Answer _____

7

Tom wants $18.9 \div (2.7 + 1.5)$.
He types $18.9 \div 2.7 + 1.5$ and gets 8.5.
What did he forget?
Find the right answer.

Answer _____

8

A square has an area of 52 cm^2 .
Use your calculator to find the length
of one side to 1 decimal place.

Answer _____

Using a Calculator: Powers, Roots and Brackets *further practice*



9

Use your calculator to work out
 $(3.4 + 1.8)^2$

Answer _____

10

Use your calculator to work out
$$\frac{17.4 + 6.6}{4.3 - 1.1}$$

Answer _____

11

Which is bigger, 3.1^3 or 5.5^2 ?
Show how you know.

Answer _____

12

A water tank is a cube with edges of
1.4 m. Work out the volume of
the tank.

Answer _____

13

Four parcels weigh 4.7 kg, 6.2 kg,
5.9 kg and 3.6 kg. Work out their
mean weight. Use one calculation on
your calculator.

Answer _____

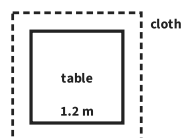
14

Use your calculator to work out
 $\sqrt{7.2^2 + 9.6^2}$

Answer _____

15

A square tablecloth has an area of
 2.89 m^2 . It is put on a square table
with sides of 1.2 m. It hangs over
each edge of the table by the
same amount. How far does it hang
over each edge?



Answer _____

16

Ben says $(2.5 + 1.5)^2$ gives the same
answer as $2.5^2 + 1.5^2$.
Use your calculator to check.
Is Ben right? Explain.

Answer _____