# Squares, Cubes & Square Roots

1. Calculate the following.

**(a)** 22 + 32 **(b)** 42 + 4 **(c)** 52 + 32 **(d)** 102 + 92

**(e)** 62 - 32 **(f)** 122– 44 **(g)** 132- 52 **(h)** 132 - 132

**(i)** 82 × 12  **(j)** 62 × 32

1. Calculate the following.

**(a)** 33  **(b)** 43  **(c)** 53  **(d)** 83

**(e)** 63 + 13 **(f)** 33+ 23 **(g)** 103- 53 **(h)** 73 - 33

**(i)** 13 × 13  **(j)** 53 × 23

1. Calculate the following.

**(a)** 33 + 22 **(b)** 43 + 72 **(c)** 52 × 13 **(d)** 83 ÷ 2

**(e)** 92 ÷ 3 **(f)** 13÷ 13 **(g)** 72+ 77 **(h)** 17 + 33

**(i)** 173 - 173 **(j)** 153 ÷ 153

1. Write down the square roots of each of these.

**(a)** 4 **(b)** 25 **(c)** 49 **(d)** 1

**(e)** 121 **(f)** 144 **(g)** 36 **(h)** 81

**(i)** 100 **(j)** 9

1. Write down the value of each of these.

**(a)** 92 **(b)**  **(c)**  **(d)** 

**(e)**  **(f)** + 12 **(g)** + 5 **(h)** 

**(i)** **(j)**  (use a calculator!)