

CHANGING SUBJECT OF A FORMULA

SQUARES

Answer all of these questions. Remember to show your working out in all questions.

MAIN QUESTIONS

1. $x^2 = 16$

2. $y^2 = 25$

3. $2x^2 = 18$

4. $3y^2 = 27$

5. $x^2 + 4 = 20$

6. $y^2 - 9 = 16$

7. $5x^2 = 125$

8. $4y^2 = 64$

9. $x^2/2 = 8$

10. $y^2/3 = 12$

11. $(x + 1)^2 = 9$

12. $(y - 2)^2 = 16$

13. $2(x + 3)^2 = 32$

14. $3(y - 1)^2 = 27$

15. $(2x)^2 = 64$

16. $(3y)^2 = 81$

MASTER QUESTIONS



M1. The area of a square is 49cm^2 . Find the length of one side.

M2. A number squared is 144. What is the number?

M3. The square of a number plus 7 equals 32. Find the number.

M4. A square has an area of 81m^2 . Find its perimeter.

M5. The product of a number and its square is 64. Find the number.