



Worksheet F: Spot the quadratic equation

1) $x^4 - 3x^2 - 4 = 0$

2) $x - 4\sqrt{x} + 3 = 0$

3) $x^{\frac{1}{4}} - 2x^{\frac{1}{2}} + 1 = 0$

4) $3\sin^2 x + 2\sin x - 1 = 0$

5) $x^4 = 10x^2 - 9$

6) $\frac{4}{x} + \frac{3}{x^2} + 1 = 0$

7) $\cos^2 x - 2\cos x = 8$

8) $3\tan x = 3 - \tan^2 x$