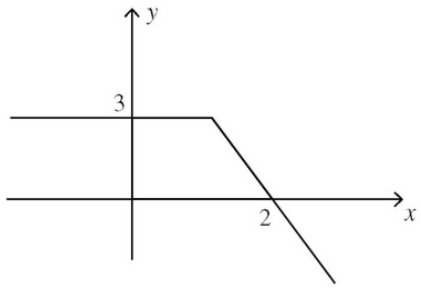
Name: _____ www.corbettmaths.com

| Feb 22nd | 5-a-day | Core 1 |
|---|---|---|
| Sketch $y = (x + 1)(x + 4)^2$ | | |
| Write down the value of $25^{\frac{1}{2}}$ | | $25^{\frac{3}{2}}$ |
|  Shown above is $y = f(x)$ | Sketch $y = -f(x)$ | |
| Solve the simultaneous equations<br><br>$y = 5x^2 - 6x + 7$<br>$y = 10x + 23$ | | |
| Prove the sum of the first n terms of an arithmetic series is given as:<br>$S_n = \frac{n}{2}(2a + (n - 1)d)$ | | |