					Factorise $x^2 + 6x - 16$
					Write 7200*kg* *in grams. Give your answer in standard form.*

| $10m-3$ | *What is 3x + 4y when x = 6 and y = –3* | 6 | 125 | *Work out the value of* $5^7 ÷ 5^4$ | 7.2×10^6 |

Simplify $4(m + 3) + 3(2m – 5)$

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| *Find the highest common factor of 54 and 135* | $5, 9, 13$ | *The nth term of a sequence is* $4n + 1$ *Find the first 3 terms.* | $J42$ | *A disco is hired for J70. Tickets cost 80p each. 140 tickets are sold. How much profit is made?* | 6×10^{-4} |

Write 0.0006 in standard form

$2,3$

| $(x-2)(x+8)$ | $7(x+2)$ | **Factorise** $7x+14$ | *Work out* 12 ÷ 18 – 10 ÷ 18 | 36 | *a and b are prime numbers* $ab^3 = 54$ *Find a and b* |