

Name the Film

Worded Simultaneous Equations

A	B	C	D	E	F	G	H	I	J	K	L	M
9.25	15	8.5	12	24	8	6.5	11.25	13.5	2.5	10	14	10.5

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
7.5	9	7	8.75	13	6.25	15.5	17	10.75	11	3.25	12.5	6

Solve each pair of simultaneous equations, find your answers in the table and unjumble the letters to find the name of a film:

<p>Three t-shirts and two pairs of shorts costs £50. Five t-shirts and four pairs of shorts costs £92. Find, in pounds, the cost of a t-shirt and the cost of a pair of shorts.</p> <p><i>8 and 13</i></p>	<p>Matt buys 4 apples and 3 bananas for £1.35. Kerry buys 2 apples and 5 bananas for £1.13. Find, in pence, the cost of one apple and the cost of one banana.</p> <p><i>24 and 13</i></p>	<p>Two numbers have a sum of 23 and a difference of 8. Find the two numbers.</p> <p><i>15.5 and 7.5</i></p>
<p>Two families visit a museum. A family of two adults and four children pay £43.50 for entry. Another family of five adults and three children pay £65 for entry. Find, in pounds, the price of one adult ticket and one child ticket.</p> <p><i>9.25 and 6.25</i></p>	<p>Croissants cost 85p each and pain au chocolat cost 95p each. Didier buys 22 pastries and spends a total of £20. How many croissants and how many pain au chocolat did he buy?</p> <p><i>9 and 13</i></p>	<p>A rectangle with a length of $(x + 2)$ cm and a width of y cm has a perimeter of 37.5 cm. A second rectangle has twice the perimeter, with a length of $(2x - 6.5)$ cm and a width of $(x + 2y)$ cm. Find the values of x and y.</p> <p><i>10.5 and 6.25</i></p>

Letters:

F R E R T N A S O R M S

Film:

TRANSFORMERS