MEC	DIA	The New York Times
'The Interview' Brings In \$15 Million on Web		
By MICHAEL CIEPLY DEC. 28, 2014		
\succ	Email	LOS ANGELES — "The Interview" generated roughly \$15 million in online sales and rentals during its first four days of availability, Sony Pictures said
f	Share	Sony did not say how much of that total represented \$6 digital rentals versus \$15 sales. The studio said there were about two million transactions over all. "The Interview," a far Kim Jong-un, was wi exhibitors declined to IS Algebra Necessary?
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The New York Times were apparently unable to work out how much of the money Sony made came from sales and how much from rentals. However, there is enough information in their article to calculate it.

Form a system of simultaneous equations, using x to represent the number of rentals and y the number of sales.

Hence calculate the values of x and y, and from this work out how much money was raised through rentals, and how much through sales.



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Money earned through rentals: $6x = 6 \times 1666666$. 6 = \$10,000,000Money earned through sales: $15y = 15 \times 333333$. 3 = \$5,000,000In summary, one-sixth of the purchases were sales, which accounted for one-third of the income.