



# Fill In The Blanks...



## Percentage Change

Round your answers to 1 decimal place where necessary.

Question	Actual Change	Original Amount	Calculation	Percentage Change
A population of butterflies grows from 500 to 562. What is the percentage change?	62	500	$\frac{62}{500} \times 100$	12.4%
Ayesha buys a bike for £3000 and sells it for £3200. What is her percentage profit?	£200	£3000	$\frac{200}{3000} \times 100$	6.7%
Hassan's savings increased from £150 to £167.50. Find the percentage increase.	£17.50	£150	$\frac{17.50}{150} \times 100$	11.7%
Leia buys a painting for \$700 and sells it for \$642. Work out her percentage loss.	\$58	\$700	$\frac{58}{700} \times 100$	8.3%
Tony's wages increase from £14.25 per hour to £15.85 per hour. What is the percentage increase?	£1.60	£14.25	$\frac{1.60}{14.25} \times 100$	11.2%
Eric buys a laptop for £550 and after 1 year it is worth £325. What is the percentage loss in its value?	£225	£550	$\frac{225}{550} \times 100$	40.9%
The population of a town increases from 56500 to 58900. What is the percentage growth?	2400	56500	$\frac{2400}{56500} \times 100$	4.2%
The price of a book is reduced from £7.99 to £6.49. Find the percentage decrease.	£1.50	£7.99	$\frac{1.50}{7.99} \times 100$	18.8%
Noah buys an antique clock for £45 and sells it for £150. Find his percentage profit.	£105	£45	$\frac{105}{45} \times 100$	233.3%
E.g. A necklace which originally cost £7.50 is reduced to £5.85 in a sale. Find the percentage decrease.	£1.65	£7.50	$\frac{1.65}{7.50} \times 100$	22%
E.g. A class which used to contain 30 students now has 34 students. Find the percentage increase.	4	30	$\frac{4}{30} \times 100$	13.3%