

DO ANY WORKINGS ON THE BACK OF THE PAPER**Write your answer in the box next to the question using the correct units/notation****ROUND ALL ANSWERS WHERE APPLICABLE**

Question	Answer	Question	Answer	Question	Answer
Find 11% of 54		Write 4 out of 10 as a %		Increase £50 by 62% (calculator)	
Bacteria increase by 31% every hour. If the mass of bacteria starts at 3 grams, what is the mass after a day?		A house was purchased for £350'000 and sold for £409'000. What was the percentage increase in its value		8% of the students drop out of a college course each week. If 4000 start, how many will be left after 10 weeks?	
Increase £12 by 41%		Increase £90 by 15%		Increase £350 by 10%	
Increase £40 by 10%		Find 12% of \$30 (non calculator)		Find 15% of \$660 (non calculator)	
Decrease £40 by 20%		Write 26/42 as a % (calculator)		Write 24 out of 50 as a %	
A jacket cost £23 after a 10% reduction. What was the original price?		A bank pays 6% interest p/a. How much would a £345 investment be worth after 7 years?		Supermarkets are offering 4.5% off Coke. The pack Ann purchased was £3.88 How much should it have been?	
Write 17 out of 50 as a %		Find 15% of \$60 (non calculator)		Write 23/57 as a % (calculator)	
A painting was purchased for £302 and sold for £418. What was the mark up?		Pats mortgage is now £675 per month. She was informed her bill had increased by 8.5% What was she paying before?		Paul's wages are now £786.77 a week after an 8% rise. What did he earn each week before the rise?	
Write 24 out of 25 as a %		A hat costs £32 last year. Its now £38.12. What is the percentage increase?		Decrease £40 by 20%	
Decrease £40 by 40%		Decrease £10 by 20%		Find 15% of \$60 (non calculator)	
Jim was paid £320 a week. If his wages are £307.55 two weeks later, how much have they been reduced by?		A classic car has increased in value. It's now worth £42000 after a 16% increase. What was the original value?		9% of students finish their exam every hour after the start. If 120 start. How many are still working after 5 hours?	
Increase £70 by 14% (calculator)		Write 7 out of 50 as a %		Increase £20 by 11%	
After a 19.2% reduction a boat is worth £41002. What was its original value?		The cost of a book increases from £10.99 to £13.49. What is the percentage increase?		The cost of perfume has gone from £42.44 to £39.52 What percentage decrease is this?	
Increase £70 by 15%		Find 99% of 300 (non calculator)		Increase £20 by 15%	
Decrease £90 by 20%		Find 32 of 67 as a percentage		Decrease £100 by 20%	
A savings account pays 3% interest p/a. Jack puts £250 into an account. What is the investment worth after 42 months?		Two new cars depreciate at different rates. Which would be worth more after 4 years? Car A which is purchased for £28000 and loses 8% p/a or car B which loses 6% and costs £31000?		A car cost £12000. It's depreciating at 22% per year. (i) How many years will it take to be worth less than £5000? (ii) When will it be worth nothing according to this model?	
Write 4 out of 20 as a %		Find 12% of \$40 (non calculator)		Increase £0 by 62% (calculator)	
Increase £10 by 30%		Write 30 out of 100 as a %		Increase £50 by 55% (calculator)	