

# PROGRESSIVE OVERLOAD NUMBER

<b>MULTIPLY</b>	Work out: $134 \times 5$	Work out: $27 \times 34$	Work out: $0.7 \times 9$	Work out: $2.7 \times 24$	Work out: $3.4 \times 2.9$	Work out: $3.95 \times 8$	Work out: $1.56 \times 8.7$	Work out: $13.5 \times 0.34$	Work out: $0.46 \times 0.39$
<b>DIVIDE</b>	Work out: $400 \div 8$	Work out: $435 \div 5$	Work out: $486 \div 9$	Work out: $4000 \div 20$	Work out: $50 \div 8$	Work out: $34.5 \div 6$	Work out: $460 \div 8$	Work out: $56 \div 0.8$	Work out: $8.1 \div 0.9$
<b>ESTIMATE</b>	Estimate: $23 \times 104$	Estimate: $\pounds 19.95 \times 67$	Estimate: $\frac{12.3 + 7.6}{3.95}$	Estimate: $\frac{13 \times 27}{9.7}$	Estimate: $\frac{53.2 - 12.6}{1.9^2}$	Estimate: $\frac{3.6 \times 9.05}{10.47 - 1.37}$	Estimate: $\frac{2.4 + 8.02}{0.54}$	Estimate: $\frac{8.4 \times 2.7}{0.47}$	Estimate: $\frac{\sqrt{50} + 12.51}{0.47}$
<b>ROUND</b>	Round: 3.4526 to 3 decimal places	Round: 0.485 to 3 decimal places	Round: 345 to 1 significant figure	Round: 43.5 to 1 significant figure	Round: 0.458 to 2 significant figures	Round: 6.34 to 2 significant figures	Round: 345.8 to 3 significant figures	Round: 3.2954 to 3 significant figures	Round: 8.1954 to 3 significant figures
<b>ORDER</b>	Put in ascending order: 56, 9, 74, 25, 13	Put in ascending order: 4, -5, 3, -2, 1	Put in ascending order: -3, 2, 5, 3, -5	Put in ascending order: 0.3, 0.9, 0.33, 0.09	Put in ascending order: 0.56, 0.5, 0.65, 0.056	Put in ascending order: $\frac{1}{3}$ , 0.3, 33%, 0.333	Put in ascending order: 0.45, $\frac{2}{5}$ , 42%, 0.415	Put in ascending order: $\frac{7}{10}$ , 0.68, 71%, 0.71	Put in ascending order: 0.67, $\frac{2}{3}$ , 65%, 0.675
<b>CALCULATE</b>	Calculate: $\sqrt{1.23 \times 2.56}$	Calculate: $\sqrt{5.6 \times 9.45}$	Calculate: $(12.6 - 3.45)^2$	Calculate: $(9.6 + 4.52)^2$	Calculate: $\frac{\sqrt{45 - 9.5}}{3.14}$	Calculate: $\frac{\sqrt{2.7 + 13.6}}{2.14^2}$	Calculate: $\frac{\sqrt{3.4 \times 5.9}}{1.35^3}$	Calculate: $\frac{4.42 \times 10^9}{1.3 \times 10^3}$	Calculate: $\frac{2.875 \times 10^8}{1.25 \times 10^6}$
<b>POWERS</b>	Work out: $5^2$	Work out: $2^3$	Work out: $3^5$	Work out: $(-4)^2$	Work out: $(-2)^3$	Work out: $4^2 + 5^2$	Work out: $13^2 - 5^2$	Work out: $2^{-1}$	Work out: $3^{-2}$
<b>FRACTIONS</b>	Work out: $\frac{2}{3} \times \frac{1}{5}$	Work out: $\frac{2}{5} \div \frac{1}{3}$	Work out: $\frac{3}{4} - \frac{1}{3}$	Work out: $\frac{4}{7} + \frac{2}{5}$	Work out: $1\frac{3}{4} \times \frac{2}{3}$	Work out: $1\frac{3}{5} \div \frac{1}{4}$	Work out: $2\frac{3}{4} - 1\frac{1}{2}$	Work out: $1\frac{3}{4} + 2\frac{2}{3}$	Work out: $3\frac{2}{3} + 2\frac{1}{5}$
<b>FRACTIONS</b>	Work out: $\frac{1}{3}$ of 60	Work out: $\frac{2}{5}$ of 45	Work out: $\frac{4}{7}$ of 56	Work out: $\frac{2}{3}$ of a number is 24, what is the number?	Work out: $\frac{4}{5}$ of a number is 20, what is the number?	Work out: $\frac{3}{8}$ of a number is 12, what is the number?	Work out: An item has $\frac{1}{4}$ off in a sale, the discount is $\pounds 9$ . Work out the original cost	Work out: An item has $\frac{1}{3}$ off in a sale, the sale price is $\pounds 36$ . Work out the original cost	Work out: An item has $\frac{1}{5}$ off in a sale, the sale price is $\pounds 48$ . Work out the original cost
<b>PERCENTAGE</b>	Work out: 30% of $\pounds 54$	Work out: 7.5% of $\pounds 200$	Work out: 12.5% of $\pounds 480$	Work out: 35% of $\pounds 640$	Work out: The cost of a $\pounds 120$ item after a 20% sale	Work out: The cost of a $\pounds 68$ item after a 15% sale	Work out: The original cost when an item is $\pounds 126$ in a 10% sale	Work out: The original cost when an item is $\pounds 168$ in a 30% sale	Work out: The original cost when an item is $\pounds 240$ in a 20% sale