

Reverse Percentages Mark Scheme

1	$£520 \div 0.8$	[1] 20% off sale value reversed
	$= £650$	[1] Original value
2	$£21.20 \div 1.06$	[1] 6% wage increased reversed
	$= £20$	[1] Original wage
3	$£105 \div 0.7$	[1] 30% off sale value reversed
	$= £150$	[1] Original value
4	$20460 \div 1.65$	[1] 65% staff increase reversed
	$= 12,400$	[1] Original number of staff
5	$£330 \div 0.75$	[1] 25% off sale value reversed
	$= £440$	[1] Original value
6	$£17.25 \div 1.15$	[1] 15% cost increased reversed
	$= £15$	[1] Original cost
7	$£98.80 \div 1.04$	[1] 4% ticket cost increased reversed
	$= £95$	[1] Original cost
8	$660 \text{ ml} \div 1.10$	[1] 10% volume increase reversed
	600 ml	[1] Original volume size
9	$16.2 \div 0.24$	[1] 24% of daily intake reversed
	$= 67.5 \text{ mg}$	[1] Recommended daily intake
10	$12,369 \div 0.84 = 14725$	[1] First calculation
	$14725 \div 1.55$	[1] Second calculation
	$£9500$	[1] Final answer

END