Name:

1) Show the following as a percentage

a) 40 out of 80 — **50%**

b) 50 out of 200 — **25%**

c) 60 out of 400 — **15%**

d) 50 out of 250 — **20%**

e) 32 out of 80 — **40%**

f) 15 out of 60 — **25%**

g) 24 out of 150 — **16%**

h) 82 out of 200 — **41%**

i) 240 out of 120 — **200%**

j) 64 out of 40 — **160%**

k) 234 out of 200 — **117%**

l) 84 of 140 — **60%**

2) Find the percentage increase when an amount has increased from:

a) £60 to £72 — **20%**

b) £120 to £144 — **20%**

c) £50 to £75 — **50%**

d) £50 to £70 — **40%**

e) £140 to £189 — **35%**

f) £52 to £83.20 — **60%**

g) £62 to £96.10 — **55%**

h) £90 to £126 — **40%**

i) £84 to £109.20 — **30%**

j) £35 to £73.50 — **110%**

3) Find the percentage decrease when an amount has decreased from:

a) £60 to £30 — **50%**

b) £200 to £120 — **40%**

c) £150 to £120 — **30%**

d) £80 to £66 — **17.5%**

e) £120 to £72 — **40%**

f) £64 to £54.40 — **15%**

g) £38 to £22.80 — **40%**

h) £58 to £37.70 — **35%**

i) £60 to £27 — **55%**

j) £88 to £17.60 — **80%**

3) A share price decreases in value by 10%.
It then decreases by a further 15%.
The share price after the two decreases is £3.06,
what was the share price before the two decreases?

£4

🗒 **Exam question:**
    Corey buys a 500g cake which 150g of butter.
    What percentage of the cake is **not** butter?

70%