



Name: _____



1) Calculate:

a) 40% of £50

£20

b) 50% of £62

£31

c) 30% of £720

£216

d) 60% of £240

£144

e) 70% of £180

£126

f) 65% of £220

£143

g) 35% of £84

£29.40

h) 15% of £68

£10.20

i) 24% of £460

£110.40

j) 32% of £524

£167.68

k) 4% of £80

£3.20

l) 2.5% of £240

£6

2) State the **decimal multiplier** to be used if you need to:

a) **Increase** a number by 40%

1.4

b) **Increase** a number by 25%

1.25

c) **Increase** a number by 4%

1.04

d) **Decrease** a number by 20%

0.8

e) **Decrease** a number by 42%

0.58

f) **Decrease** a number by 8%

0.92

3) **Increase** the amounts shown by the given percentages.

a) £36 by 50%

£54

b) £140 by 10%

£154

c) £72 by 50%

£108

d) £80 by 25%

£100

e) £96 by 45%

£139.20

f) £25 by 20%

£130

g) £180 by 14%

£205.20

h) £58 by 25%

£72.50

i) £108 by 22%

£131.76

j) £70 by 16%

£81.20

k) £94 by 42%

£133.48

l) £80 by 55%

£124

4) **Decrease** the amounts shown by the given percentages.

a) £30 by 50%

£15

b) £46 by 20%

£36.80

c) £85 by 10%

£76.50

d) £132 by 25%

£99

e) £90 by 25%

£67.50

f) £64 by 60%

£25.60

g) £60 by 8%

£55.20

h) £160 by 76%

£38.40

i) £48 by 28%

£34.56

j) £35 by 35%

£22.75

k) £420 by 45%

£231

l) £840 by 32%

£571.20

 **Exam style question:**

Carly buys a car for £25,000 and the value of the car depreciates by 8% in one year.
What is the value of her car after one year?

£22500

