



Name: _____



1) **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

2) **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

3) **Increase** the amounts shown by the given percentages **repeatedly** for the number of times shown.

a) £400 by 10% twice

£48400

b) £80 by 20% twice

£115.20

c) £160 by 40% twice

£313.60

d) £300 by 10% three times

£399.30

e) £800 by 25% three times

£1562.50

f) £1600 by 10% four times

£2342.56

4) **Decrease** the amounts shown by the given percentages **repeatedly** for the number of times shown.

a) £800 by 10% twice

£648

b) £500 by 20% twice

£320

c) £2500 by 30% twice

£1225

d) £640 by 10% three times

£466.56

e) £1000 by 25% three times

£421.88

f) £20,000 by 10% four times

£13122

Exam style question:

Candice buys a house for £320,000 and the price rises by 5% in one year.
What is the value of her house after one year?

£336000

