

# S3 BLOCK 7 Section 1 and 2 Revision

You may use a calculator when you see this symbol



1. Evaluate:

a)  $1 - 4$

b)  $(-9) + 14$

c)  $9 + (-3)$

d)  $36 \div (-9)$

e)  $(-5) \times (-8)$

f)  $3^2 + 6 \times (2 - 5)$

2. Calculate the following:



a) Find 30% of £24

b) Find 20% of £460

c) Find 8% of £100

d) Find 15% of £

e) Find 5% of

f) Find 12.5% of

3. Mixed Percentage Questions. All working must be clearly shown.



a) A boat was worth £2511. If it made a profit of 35% how much was it worth after restoration?

b) A car is bought for £6700 and sold a year later for £4891.  
Calculate the percentage loss.



4. Lisa is going to Disneyland Paris.

How many euros will she get for £1150 when the exchange rate is 1.16 euro to a pound?

5. Simplify:

a)  $6 : 24$

b)  $20 : 8$

c)  $15 : 5 : 40$

6. Fractions:

a)  $\frac{1}{2}$  of 42

b)  $\frac{2}{5}$  of 55

c)  $\frac{3}{4}$  of 20

b) Greg has 35 counters. He gives Gary  $\frac{2}{7}$  of his counters. How many does Greg have left?

c) Evaluate:

a)  $\frac{2}{12} + \frac{1}{12}$

b)  $\frac{4}{5} - \frac{7}{10}$

c)  $\frac{1}{6} \times \frac{3}{11}$