

## Solutions to Past Paper Questions – Percentages

7) Original price = 100%. So sale price = 100% - 30% = 70%

Let  $x$  be the original price

So 70% of  $x = £28$

ie  $0.7x = 28$

$$\text{so } x = \frac{28}{0.7} = £40$$

8) (a)  $423 \div 1.175 = £360$

(b)  $423 \times 0.88^3 = £327.57$

4)  $£3000 \times 0.80^2 = £1920$

5) Call normal price  $x$ , so 82% of  $x = £12.71$

$$0.82x = 12.71$$

$$x = \frac{12.71}{0.82} = £15.50$$