

## Workshop Questions: harder word problems



- 1) What is  $£5\ 690 + £496 + £35.75$  ?
- 2) Find  $\frac{3}{4} + \frac{5}{8}$
- 3) Evadne buys an egg sandwich for  $£1.50$ , a cup of coffee for 65p and a banana for 35p. How much change will she expect from two  $£2$  coins?
- 4) What is  $35 \times 293$  ? Use any method (lattice, table or traditional) to work out the answer
- 5) The temperature was  $-9$  one night and then warmed up to  $+3$  degrees the next morning. What was the change in temperature?
- 6) If you tossed a coin 500 times, how many times would you expect to see a 'head'?
- 7) What is  $5\ 097 - 4\ 825$  ?
- 8) Value Added Tax will return to 17.5% at the end of this month. Suppose a small laptop was  $£190$  excluding VAT. Work out how much it will cost with 17.5% VAT added
- 9) VAT stands for Value *Added* Tax. Shops and other businesses pay VAT on the *difference* between what they pay to suppliers ('inputs') and what they charge customers ('outputs'). Suppose a shop paid out  $£15\ 987$  one month, and took in  $£38\ 672$ . Calculate the *difference* of these figures, and then find 17.5% of the difference. That is the VAT that should be paid that month.
- 10) Round 17 934 to the nearest hundred