

## DECIMAL ARITHMETIC

Work out all of these WITHOUT the use of a calculator. This means show appropriate, efficient methods where necessary.

1. (a)  $0.674 \times 100$

(b)  $0.42 \times 200$

(c)  $3.4 \times 400$

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2. (a)  $45 \times 57$

(b)  $4.5 \times 57$

(c)  $4.5 \times 5.7$

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3. Find the TOTAL cost of (a) 60 pens, **each** costing 38p

(b) 24 books, **each** costing £2.39

(a)

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(b)

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4. Given  $58 \times 82 = 4756$ , then without further calculations, work out

(a)  $5.8 \times 8.2$

(b)  $0.58 \times 0.82$

(c)  $5.8 \times 820$

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5. Find the cost of one DVD if the **total cost** of 8 DVD's is £71.68

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6. Work out (a)  $\frac{5.6}{0.02}$

(b)  $\frac{0.8 \times 0.6}{0.03}$

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7. Work out  $41.04 \div 0.9$

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