

## SATs

# Arithmetic Practice

### Working Out

In these questions, children will gain extra marks for their workings out.

1

1 7 7 1 4

2

4 7 8 1  
×      2 3

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4

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# SATs Arithmetic Practice

## Working Out

### Answers

Please note: Children can gain an extra mark if they show their working out.

**Q1. 42**

$$\begin{array}{r} 42 \text{ r}2 \\ 17 \overline{)714} \\ - 680 \quad (40 \times 17) \\ \hline 36 \text{ (error)} \\ 34 \quad (2 \times 17) \\ \hline 2 \end{array}$$

$$\text{Or } \begin{array}{r} 43 \text{ (error)} \\ 17 \overline{)714} \\ - 680 \quad (40 \times 17) \\ \hline 34 \\ 34 \quad (2 \times 17) \\ \hline 2 \end{array}$$

Short division algorithm e.g.

$$\begin{array}{r} 41 \\ 17 \overline{)714} \\ \hline \end{array} \quad (\text{error in carrying the digit})$$

**Q2. 109,963**

$$\begin{array}{r} 4781 \\ \times 23 \\ \hline 14343 \\ 95620 \\ \hline 209963 \text{ (error)} \end{array}$$

$$\text{Or } \begin{array}{r} 4781 \\ \times 23 \\ \hline 14343 \\ 95630 \text{ (error)} \\ \hline 109973 \end{array}$$

**Q3. 19,228**

$$\begin{array}{r} 418 \\ \times 46 \\ \hline 2508 \\ 16720 \\ \hline 18228 \text{ (error)} \end{array}$$

$$\text{Or } \begin{array}{r} 418 \\ \times 46 \\ \hline 2508 \\ 16620 \text{ (error)} \\ \hline 19128 \end{array}$$

**Q4. 38**

$$\begin{array}{r} 38 \text{ r}2 \\ 59 \overline{)2242} \\ - 1770 \quad (30 \times 59) \\ \hline 474 \text{ (error)} \\ 472 \quad (8 \times 59) \\ \hline 2 \end{array}$$

$$\text{Or } \begin{array}{r} 35 \text{ (error)} \\ 59 \overline{)2242} \\ - 1770 \quad (30 \times 59) \\ \hline 472 \\ 472 \quad (8 \times 59) \\ \hline 0 \end{array}$$

Short division algorithm e.g.

$$\begin{array}{r} 37 \text{ r}48 \text{ (error)} \\ 59 \overline{)2242} \\ \hline \end{array}$$