

# Arithmetic

## Page 12 — Multiples and Factors

- 1) 7, 14, 21, 28, 35
- 2) 25, 50, 75, 100, 125
- 3) 80, 160, 240, 320, 400
- 4) 36, 72, 108, 144, 180
- 5) 1, 2, 3, 4, 6, 8, 12, 24
- 6) 1, 3, 7, 9, 21, 63

## Pages 13 and 14 — Short Multiplication

- 1) 222
- 2) 416
- 3) 126
- 4) 228
- 5) 340
- 6) 3951
- 7) 25575
- 8) 4485
- 9) 7944
- 10) 8550
- 11) 33980
- 12) 28764
- 13) 14098
- 14) 16280

## Pages 15 and 16 — Long Multiplication

- 1) 4446
- 2) 6532  
Working: 
$$\begin{array}{r} 284 \\ \times 23 \\ \hline 852 \\ 5680 \\ \hline 6532 \end{array}$$
- 3) 48635  
Working: 
$$\begin{array}{r} 685 \\ \times 71 \\ \hline 47950 \\ 48635 \\ \hline 48635 \end{array}$$
- 4) 24576  
Working: 
$$\begin{array}{r} 768 \\ \times 32 \\ \hline 1536 \\ 23040 \\ \hline 24576 \end{array}$$
- 5) 210816  
Working: 
$$\begin{array}{r} 5856 \\ \times 36 \\ \hline 35136 \\ 175680 \\ \hline 210816 \end{array}$$
- 6) 105570  
Working: 
$$\begin{array}{r} 1955 \\ \times 54 \\ \hline 7820 \\ 97750 \\ \hline 105570 \end{array}$$
- 7) 72512  
Working: 
$$\begin{array}{r} 3296 \\ \times 22 \\ \hline 6592 \\ 65920 \\ \hline 72512 \end{array}$$
- 8) 533256  
Working: 
$$\begin{array}{r} 7842 \\ \times 68 \\ \hline 62736 \\ 470520 \\ \hline 533256 \end{array}$$
- 9) 195536  
Working: 
$$\begin{array}{r} 4444 \\ \times 44 \\ \hline 17776 \\ 177760 \\ \hline 195536 \end{array}$$
- 10) 782144  
Working: 
$$\begin{array}{r} 8888 \\ \times 88 \\ \hline 71104 \\ 711040 \\ \hline 782144 \end{array}$$

## Page 17 — Short Division with No Remainders

- 1) 39
- 2) 18
- 3) 23
- 4) 64
- 5) 88
- 6) 104
- 7) 87
- 8) 99

## Pages 18 and 19 — Short Division with Remainders

- 1) 26 r 4
- 2) 218 r 3
- 3) 38 r 1
- 4) 128 r 2
- 5) 108 r 3
- 6) 56 r 1
- 7) 686 r 1
- 8) 207 r 5
- 9)  $79\frac{4}{5}$
- 10)  $222\frac{1}{2}$
- 11)  $219\frac{1}{3}$
- 12)  $26\frac{1}{6}$
- 13)  $896\frac{3}{4}$
- 14)  $873\frac{7}{9}$
- 15)  $721\frac{3}{7}$
- 16)  $306\frac{5}{8}$

# Arithmetic

## Pages 20 and 21 — Long Division with No Remainders

- 1) 13
- 2) 31  
Working: 
$$\begin{array}{r} 31 \\ 21 \overline{) 651} \\ \underline{-63} \phantom{0} \\ 21 \\ \underline{-21} \\ 0 \end{array}$$
- 3) 46  
Working: 
$$\begin{array}{r} 46 \\ 19 \overline{) 874} \\ \underline{-76} \phantom{0} \\ 114 \\ \underline{-114} \\ 0 \end{array}$$
- 4) 17  
Working: 
$$\begin{array}{r} 17 \\ 32 \overline{) 544} \\ \underline{-32} \phantom{0} \\ 224 \\ \underline{-224} \\ 0 \end{array}$$
- 5) 119  
Working: 
$$\begin{array}{r} 119 \\ 16 \overline{) 1904} \\ \underline{-16} \phantom{00} \\ 30 \\ \underline{-30} \phantom{0} \\ 144 \\ \underline{-144} \\ 0 \end{array}$$
- 6) 302  
Working: 
$$\begin{array}{r} 302 \\ 23 \overline{) 6946} \\ \underline{-69} \phantom{0} \\ 04 \\ \underline{-0} \phantom{0} \\ 46 \\ \underline{-46} \\ 0 \end{array}$$
- 7) 86  
Working: 
$$\begin{array}{r} 86 \\ 29 \overline{) 2494} \\ \underline{-232} \phantom{0} \\ 174 \\ \underline{-174} \\ 0 \end{array}$$
- 8) 45  
Working: 
$$\begin{array}{r} 45 \\ 37 \overline{) 1665} \\ \underline{-148} \phantom{0} \\ 185 \\ \underline{-185} \\ 0 \end{array}$$

## Page 22 — Long Division with Remainders

- 1) 27 r 2
- 2) 48 r 6  
Working: 
$$\begin{array}{r} 48 \\ 15 \overline{) 726} \\ \underline{-60} \phantom{0} \\ 126 \\ \underline{-120} \\ 6 \end{array}$$
- 3) 125 r 15  
Working: 
$$\begin{array}{r} 125 \\ 16 \overline{) 2015} \\ \underline{-16} \phantom{00} \\ 41 \\ \underline{-32} \phantom{0} \\ 95 \\ \underline{-80} \phantom{0} \\ 15 \end{array}$$
- 4) 92 r 44  
Working: 
$$\begin{array}{r} 92 \\ 66 \overline{) 6116} \\ \underline{-594} \phantom{0} \\ 176 \\ \underline{-132} \phantom{0} \\ 44 \end{array}$$

## Page 23 — Mixed Questions

- 1) 14
- 2) 7
- 3) 10
- 4) 20
- 5) 900
- 6) 8

## Section 2 — Decimals

### Pages 24 and 25 — Adding Decimals

- 1) 7.6
- 2) 34.8
- 3) 8.5
- 4) 9.99
- 5) 35.7
- 6) 19.94
- 7) 5.94
- 8) 13.76
- 9) 7.91
- 10) 54.83
- 11) 9.4
- 12) 37.1
- 13) 56.15
- 14) 10.52
- 15) 16.53
- 16) 27.76

### Pages 26 and 27 — Subtracting Decimals

- 1) 0.6
- 2) 1.3
- 3) 4.5
- 4) 5.6
- 5) 4.63
- 6) 21.2
- 7) 2.29
- 8) 14.25
- 9) 3.44
- 10) 1.6
- 11) 2.78
- 12) 2.38
- 13) 11.08
- 14) 1.58
- 15) 8.66
- 16) 2.7

### Page 28 — Multiplying by 10, 100 and 1000

- 1) 16
- 2) 25.3
- 3) 72392
- 4) 730
- 5) 255894
- 6) 387684
- 7) 400
- 8) 68955080