## Chapter 26 Puzzles (pg138 + 139) Answer Sheet

5. 

(a) 16
(b) 81
(c) 625
(d) 1,296

PAGE 138
(e) 10,000
1.
(f) 32
(a) $+x$
(b) $x$ -
(g) 243
(h) 100,000
2.
(a) $25 \mathrm{~cm}^{2}$
(b) $49 \mathrm{~cm}^{2}$
(c) $81 \mathrm{~cm}^{2}$
(d) $36 \mathrm{~cm}^{2}$
(e) $121 \mathrm{~cm}^{2}$
6.
(a) (i) A CD F G
(ii) $B C D E$
(iii) $C D$
(iv) A F G
(v) BE
(vi) H J
3.
(a) 4 cm
(b) 8 cm
(c) 12 cm
(d) 20 cm
(b) (i) 56789 Z
(ii) 2569 XY
(iii) 3456 YZ
(iv) 65
(v) 9
(vi) Y
(e) 30 cm
(c) (i) 11
4.
(a) 8
(b) 27
(c) 64
(d) 125
(e) 216
(f) 343
(g) 512
(h) 729
(i) 1000
(ii) 32
(iii) 27
(iv) 26
(v) 18
(vi) 28
7. (i) €528
(ii) $€ 336$

## Challenge: Audrey: 7

Ben: 3

## PG139 Answer Sheet

## PAGE 139

1. 

(a) $17 \quad 3 \quad 4 \quad 14$
$\begin{array}{llll}6 & 12 & 11 & 9\end{array}$
$\begin{array}{llll}10 & 8 & 7 & 13\end{array}$
$\begin{array}{lllll}5 & 15 & 16 & 2 & 38\end{array}$
(b) $\begin{array}{llll}16 & 11 & 15 & 4\end{array}$
$\begin{array}{llll}6 & 13 & 9 & 18\end{array}$
$\begin{array}{llll}5 & 14 & 10 & 17\end{array}$
$\begin{array}{lllll}19 & 8 & 12 & 7 & 46\end{array}$
(a) 87
(b) 68
(c) $\begin{array}{lllll}12 & 11 & 5 & 24 & 18\end{array}$
(c) 55
$\begin{array}{lllll}19 & 13 & 7 & 6 & 25\end{array}$
$\begin{array}{lllll}26 & 20 & 14 & 8 & 2\end{array}$
$\begin{array}{lllll}3 & 22 & 21 & 15 & 9\end{array}$
$\begin{array}{lllll}10 & 4 & 23 & 17 & 16\end{array}$
(d) 96
(e) 651
(f) 80
2. 96
4. 9,264
5. No answers

## Q6 has no answers also

