

Chapter 5 – Puzzles - Shade it and Challenge

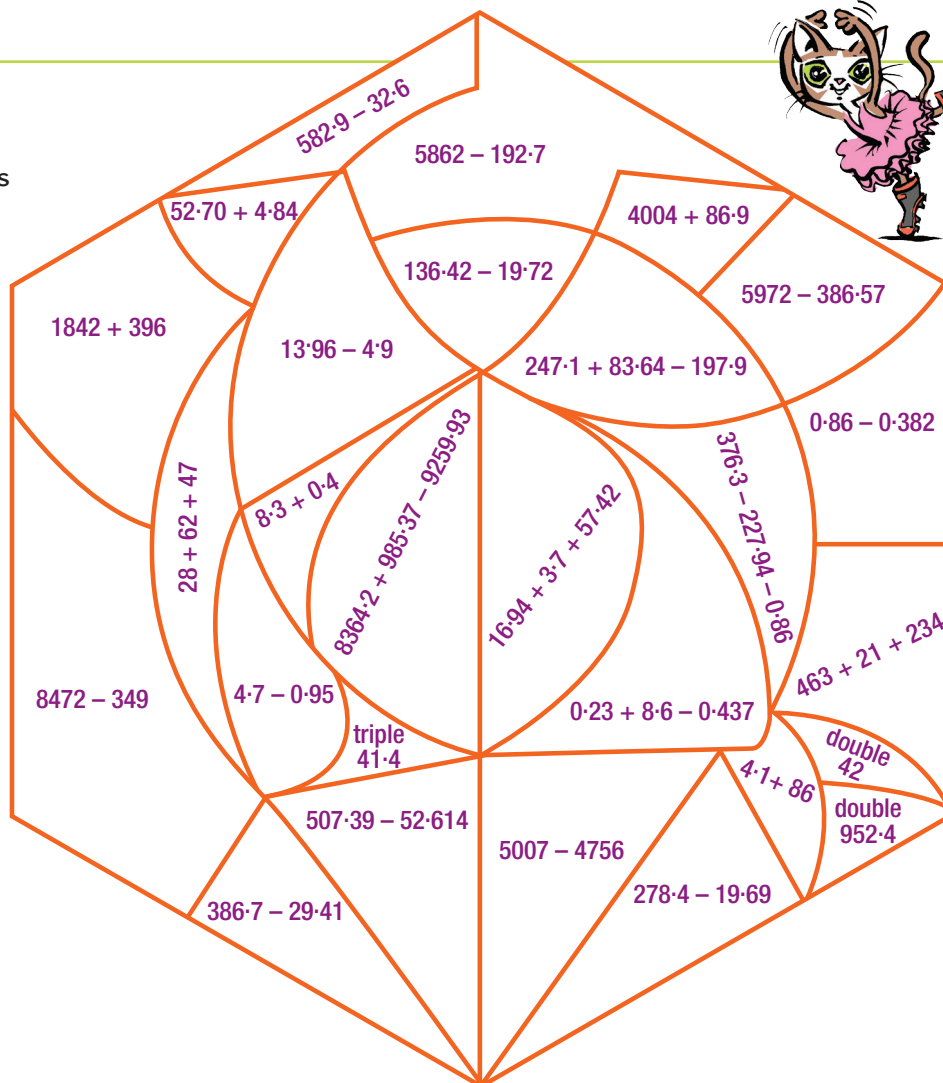
Page 98

Puzzles

1 Shade it

- Answer all the questions in the shapes.
- Shade all the shapes with answers between 200 and 500 **grey**.
- Shade all the shapes with answers between 1 and 100 **brown**.
- Shade all the shapes with answers between 100 and 150 **yellow**.
- Leave all other shapes unshaded.

What picture do you have?



2 Challenge

The numbers in these magic squares have been mixed up.

The **magic total** (the number that each row, column and diagonal should add to) is given.

a

6.2	8.8	19.2
14	24.4	21.8
16.6	11.4	3.6

Magic total = 42

b

0.6	1.1	0.9
1.0	0.7	0.4
0.5	0.3	0.8

Magic total = 2.1

c

21.95	9.7	12.15
2.35	4.8	7.25
19.5	17.05	14.6

Magic total = 36.45

Draw the magic squares with the numbers in the correct places.

