- (a) 17 jugs are needed. (b) 16 jugs are full.
- (a) 381 kebabs

N

- (c) 261 kebabs (b) 277 kebabs
- (a) 15 tables

W

<u>O</u>

37 tables

- (b) 23 tables (d) 44 tables
- 4 12 balloons
- UT 13 boxes
- 0 11 burgers

#### 45 Centiles

- (b) red 26% (a) red 31% blue 30% blue 21% yellow 44% yellow 48%
- (c) red 8% blue 60% yellow 32%
- N See Workbook page 9, question 1
- W 68%
- 4 (a) complete 85% (b) complete 17%
  - not complete 15%
- not complete 83%
- U (a) 35% are white
- 0 38% have medium tiles
- 0)
- See Workbook page 9, questions 2 and 3

(b) 20 soldiers

(c) 50 soldiers

- (a) 100 soldiers
- (c) 9 (d) 9

W

(a) 10 (e) 21 (i) 15

0

N

- (F) (F) (9) (9) (g) 65 (k) 30 (L) 21 (h) 16
- (a) 16 soldiers (b) 120 soldiers

4

Uī (b) Possible reasons: (a) November: 4710 Roman December: 1780 Roman 356 Mediaeval 942 Mediaeval 890 Hussars 2355 Hussars

Other valid reasons are possible. The factory was on holiday at Christmas time. More kits were needed in time for increased sales at Christmas.

## Transport kits

(a) 63 (b) 152 (c) 117

(d) 315

47

970 classic cars 1940 sports cars 1455 racing cars

N

- (a) 39 (b) 93 485 vintage cars (c) 87 (d) 1110
- 1290 Concorde kits

4

W

- UTI 3430 tram cars
- <u>ර</u>ා 855 buses were faulty.

4	ω	2	_
(e)	(a) 72	(a)	(e) (a)
101	72	) 88 Technokits 72 Buildakits	(a) 0·16 (e) 0·40 (i) 0·21
30	(b) 48	dakir	
(b) 140 (f) 110	48	ts its	(b) 0.97 (f) 0.70 (j) 0.01
@ @	(c) 63	(d) (b)	£ (Q) (C)
(c) 75 (g) 82 or 83	63	) 40 Electrokits ) 68 Structakits	(c) 0.45 (g) 0.07 (k) 0.10
9	<u>@</u>	ctak	(b) 0:1
52 (h) 51	(d) 126	its its	0.26

(b) Vintage car: (a) Mosaic: Balloon: Galleon: Buildakit: Technokit: 1584 more kits 429 fewer kits 770 fewer kits 258 fewer kits 189 more kits 588 more kits

Uī

### 49 Orders

						<u></u>	
	Crinan School:		Queensway School:			Parkland School:	
6 to 8 years older than 8	3 to 5 years	6 to 8 years	3 to 5 years	older than 8	6 to 8 years	3 to 5 years	
100 4 100 100 100	100	38 OO	100	<del>6</del>  6	100 100	100	
34%	42%	33%	29%	40%	24%	36%	

					Contract of the Contract of th
	Crinan School:	Queensway School:		Parkland School:	
6 to 8 years older than 8	older than 8 3 to 5 years	3 to 5 years 6 to 8 years	6 to 8 years older than 8	3 to 5 years	
100 34 100	10/2 5/8	100 29	4666	100	
24%	38% 42%	29%	24% 40%	36%	

W
(a) 25 (d) 13 (d) 26
24% 65%
(e)
34 50 20
68% 40%
(f)
250 250 250
58% 44%

N

Small jigsaws 🕺 32%

Small Constructakits 5/4 25%

Orders - continued

Uī (b) large kits 50% (c) large kits 10% (d) large kits 50% (a) large kits 25% (f) large kits 10% (e) large kits 75% small kits 25% small kits 50% small kits 90% small kits 50% small kits 90% small kits 75%

0 (a) 50% (f) 41% (g) 25% (b) 28% (c) 50% (d) 45% (e) 36%

90 small Buildakits

# Kitbits competition

- (a) WHICH KIT DO YOU WANT TO WIN
- N (a) More boys entered (40% girls, 45% boys). (b) 15% were adults

(b) Answers depend on the children's choice.

)		17:1		Wash o	Macks	Mark	Wook 5	Mook
W	(a)	Kit chosen	Week 1	Week 2	Week 3	Week 4	Week 5	AAG
		Spykit	4%	7%	11%	19%	28%	36%
		Technokit	28%	30%	25%	22%	20%	16%
		Mystery kit	68%	63%	64%	59%	52%	48%

- (b) Weeks 5 and 6 (c) Week 6
- 4 (a) 10% lived in Wales.

(b) 600 lived in Scotland.

Scientific models

- (a) 31
- (b) Technokit औ Dinosaurkit औ

Mystery kit ङ्गे Spykit 밝

- N (a) 35% (b) 29%
- (c) 10%

(a) 43%

- (c) 61%
- (d) 40%
- (e) 68% (b) 59% (f) 83%
- All of these percentages are to the nearest whole number
- (a) 45 parents
- (b) less than £4 £6 to £7.99 £4 to £5.99

9 912

£8 to £9.99

9

4 12

- (c) less than £4 £10 or more
- 22%
- the nearest whole number These percentages are to
- £8 to £9.99 £6 to £7.99 £4 to £5.99 27% 18%
- £10 or more
- 24%
- UT (a) (b) Answers depend on the results of the children's surveys.

# 52 Global Research Technology

- (a) 3 (b) 150 (c) 4 (d) 7 (e) 123 (f) 69 234 125 21 100 16 35 345 456 30 30 75 32 49 64 63 567 17 678 77 48 25 128
- (a) 10 (b) 160 (c) 4 (d) 100 80 96 52 40 73 20 10 91 24 10 14 10 14 19 75 115

N

- (a) Number of red beads yellow beads Number of 150 20
- When there are 10 red beads, there are The number of yellow beads is 5 times the number of red beads.

50 yellow beads.

- 0 Number of red beads yellow beads Number of WN
- When there are 10 red beads, there are than the number of red beads. The number of yellow beads is one less

9 yellow beads

Number of red beads 00 9 yellow beads Number of WN

0

When there are 10 red beads, there are The number of yellow beads is half the number of red beads.

5 yellow beads.

Number of red beads yellow beads Number of 00 0 9

0

- When there are 10 red beads, there The number of yellow beads is 4 more than the number of red beads.
- green beads Number of 9 are 14 yellow beads

N

(a)

blue beads Number of

- (b) The number of green beads is 3 times the number of blue beads.
- (c) •24 **•**45 •75 •120 blue beads