Answers

Cars Column Addition

1 Silver & White
£5892 + £3145 = **£9037**

2 Black & Silver
£3532 + £5892 = **£9424**

3 Black & Grey
£3532 + £4132 = **£7664**

4 Grey & White
£4132 + £3145 = **£7277**

5 White & Blue
£3145 + £2814 = **£5959**

6 Grey & Blue
£4132 + £2814 = **£6946**

7 Silver & Red
£5892 + £3625 = **£9517**

8 Black & Blue
£3532 + £2814 = **£6346**

9 Blue & Silver
£2814 + £5892 = **£8706**

Mr and Mrs Vroom have a budget of £7000.
Which combinations of cars could they afford to buy?

White and Blue, Grey and Blue or Black and Blue

Cavemen Column Addition

Item	Taruk	Renn	Total
Sunflower Seeds	5287	3142	**8429**
Hazelnuts	1438	2592	**4030**
Nettle Leaves	3584	1583	**5167**
Snails	1305	2358	**3663**
Caterpillars	468	967	**1435**
Mussels	2549	1348	**3897**
Juniper Berries	3462	2344	**5806**
Eggs	926	2051	**2977**

Answers

Henry's Homework

```
    1  3  2* 8              6  5  1  8            3  7  2  8*
+   3  6  2  3          +   2*  2  7  4       +   2  4*  5  1
  ─────────────           ─────────────         ─────────────
    4  9  5  1              8  7  9  2            6  1  7  9
           1                        1               1
```

```
    7  2  3* 6              2  8  6  4*           5  2*  1  8
+   2* 4  8  1          +      5  4* 8        +   4  2  8  1
  ─────────────           ─────────────         ─────────────
    9  7  1  7*             3  4  1  2            9  4  9  9*
       1                      1  1  1                 1
```

```
    5* 2  6  7              3  8  2  7*           2  7  4  5*
+   3  2  3* 5          +   4  4* 3  1        +   3  6* 2  3
  ─────────────           ─────────────         ─────────────
    8  5  0  2              8  2  5  8            6  3  6  8
       1     1               1                      1
```

Transport Subtraction

Transport Type	Remaining Distance
Aeroplane	**1330 miles**
Bus	**4222 miles**
Truck	**3214 miles**
Car	**1436 miles**
Train	**438 miles**
Helicopter	**1408km**
Hot Air Balloon	**2823km**
Ship	**2408km**
Submarine	**3811 miles**

Answers

Super Sale

Item	Original Price	Sale Price	Money Saved
A television	£1467	£623	**£844**
A kettle	£24.36	£8.24	**£16.12**
A mirror	£89.43	£11.51	**£77.92**
A new coat	£54.72	£22.16	**£32.56**
Shoes	£72.38	£24.25	**£48.13**
A jumper	£36.00	£12.48	**£23.52**
A dress	£43.56	£12.82	**£30.74**
A new coat	£58.25	£32.43	**£25.82**

Be the Teacher

2 3824 – 2352 = 1532   **incorrect**

3 4934 – 2842 = 2092   **correct**

4 5319 + 2543 = 7862   **correct**

5 2546 + 2664 = 5211   **incorrect**

6 8643 – 2357 = 6286   **correct**

Answers

Estimation Station

Day	Number of visitors	Rounded to the nearest thousand
Monday	5679	**6000**
Tuesday	8216	**8000**
Wednesday	4423	**4000**
Thursday	3758	**4000**
Friday	8921	**9000**
Saturday	7526	**8000**
Sunday	8469	**8000**

Use rounding to estimate the answers to the following questions:

1. 4685 + 6258 rounded is _____ + _____ = _____

2. 8254 – 3549 rounded is _____ - _____ = _____

3. 7635 – 6210 rounded is _____ - _____ = _____

Accept any suitable rounded answers

Problem Time

1. **£6.29**

2. **294km**

Answers

Master Mathematician

Ali and Sarah have both completed the same calculation, but have got different answers. Explain who is correct and how you know it is the correct answer.

Ali is correct. Accept any suitable explanation.

1000		
293	353	354

2000		
493	**713**	794