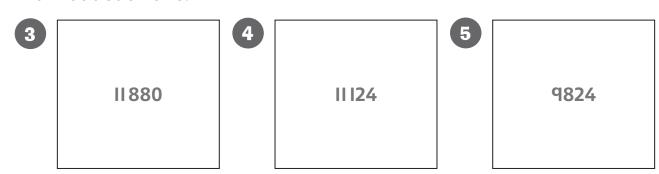Name _____

Using multiplication

1 Amelia has to pay a fine. She can pay £35·75 every day for one week, or she can pay £78·66 on the first day of each month for three months. Which is best?

> **Paying £78·66 every month for 3 months as the total amount is less than paying £35·75 every day for a week.**

2 Estimate which of these has an answer nearest to 10 000.

| 2376 × 5 | 1854 × 6 | 1228 × 8 |

1228 × 8 _____

Work out each one.

3 11 880

4 11 124

5 9824

> Were you correct? How close was your estimate?

1

Name _____

Fighting like cats and dogs

Tom, Dick, Harry and their families are fighting over a Grand Prize of £9888! Tom has 3 people in his family. Dick has 4 people in his family. Harry has 6 people in his family.

Work out how much each member of the family gets if each of the men has won.

6 | Tom's family

£3296

7 | Dick's family

£2472

8 | Harry's family

£1648

9 Instead of fighting, Tom, Dick and Harry agree to share it between all the people in their families. How much does each person get?

£760·62

Multiplication digit challenge!

10 Arrange the digits 2, 4, 6, 8 and 5 in a multiplication like this:

☐☐☐☐ × ☐

Try to get the largest answer possible and prove that it is the largest.

The largest answer possible should be:
6542 × 8 = 52 336

I found this:

☺ Easy   😕 Challenging   ☺ I needed help