


Thursday

Each of you draw a multiplication grid like this:

×			

Throw the dice four times each until all the cells are full.

Whoever has the product closest to 1000 wins.

Each of you draw a multiplication grid like this:

×			

Throw the dice five times each until all the cells are full.

Whoever has the product closest to 10000 wins.

A

Copy and complete.

$$\begin{array}{r} 39 \\ \times 25 \\ \hline \end{array}$$
 (39×5)
 (39×20)

$$\begin{array}{r} 6.2 \\ \times 43 \\ \hline \end{array}$$
 (6.2×3)
 (6.2×40)

$$\begin{array}{r} 183 \\ \times 17 \\ \hline \end{array}$$
 (183×7)
 (183×10)

$$\begin{array}{r} 41.5 \\ \times 38 \\ \hline \end{array}$$
 (41.5×8)
 (41.5×30)

Work out

5 28×24 9 135×23

6 74×19 10 549×18

7 5.7×36 11 32.6×45

8 9.6×72 12 47.3×27

B

Copy and complete.

$$\begin{array}{r} 1536 \\ \times 34 \\ \hline \end{array}$$
 (1536×4)
 (1536×30)

$$\begin{array}{r} 4872 \\ \times 29 \\ \hline \end{array}$$
 (4872×9)
 (4872×20)

$$\begin{array}{r} 239.4 \\ \times 52 \\ \hline \end{array}$$
 (239.4×2)
 (239.4×50)

$$\begin{array}{r} 60.27 \\ \times 47 \\ \hline \end{array}$$
 (60.27×7)
 (60.27×40)

Work out

5 1853×63 9 41.86×27

6 5419×26 10 750.2×39

7 27.68×35 11 16.93×54

8 394.5×48 12 82.54×46

Work out

1 $35\,215 \times 28$

2 $14\,793 \times 45$

3 294.08×36

4 16.359×53

5 53.826×19

6 470.54×24

7 1293.7×37

8 30.682×65

9 476×233

10 923×458

11 65.4×192

12 3.89×356

13 0.547×429

14 8.15×657

15 79.2×284

16 0.438×378

17 Each can of paint holds 2.35 litres. How much paint is needed to fill 346 cans?

John has these four digit cards.



He puts them into these calculations:

$$\square\square \times \square\square \quad \square\square\square \times \square$$

Find all the products he can make between 500 and 1000.

$$y = 4x$$

Write a pair of numbers for x and y to make this equation true.

Now write a different pair of numbers for x and y to make the equation true.

Without using a calculator,

- is the answer to 47×59 , 3443, 2773 or 2887?
- is the answer to 456×0.48 , 218.9, 636 or 322.7?

Explain your choice.

The product of two whole numbers is 24. Find all the possible pairs.

What if the numbers included decimals?

A teacher collects £56 for theatre tickets. Tickets cost £5 for the stalls and £7 for the balcony. How many tickets has the teacher sold?

A

1 975	5 672	9 3105
2 266.6	6 1406	10 9882
3 3111	7 205.2	11 1467.0
4 1577	8 691.2	12 1277.1

B

1 52 224	5 116 739	9 1130.22
2 141 288	6 140 894	10 29 257.8
3 12 448.8	7 968.8	11 914.22
4 2832.69	8 18 936	12 3796.84

C

1 986 020	7 47 866.9	13 234.663
2 665 685	8 1994.33	14 5354.55
3 10 586.88	9 110 908	15 22 492.8
4 867.027	10 422 734	16 165.564
5 1022.694	11 12 556.8	17 813.1 litres
6 11 292.96	12 1384.84	

ANSWERS