

## Activity 1



Can you put the numbers 1 to 8 in each of the squares so that each side adds up to the middle number?

## Activity 2

| U |
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ALGEBRA
BALANCE
EQUALS
EQUATION
EXPRESSION

FORMULA
FUNCTION
SOLVE
SUBSTITUTE

Activity 3


Enter the answers to the sums below into the matching squares on the numbered grid
Clues Across
Clues Down

| 1: | $983-509$ | $1:$ | $1342-896$ |
| :--- | :--- | :--- | :--- |
| 3: | $1134+1209$ | $2:$ | 344 divided by 8 |
| 5: | 1428 divided by 4 | $3:$ | Three-quarters of 36 |
| 7: | $20 \%$ of 335 | $4:$ | $1765+1532$ |
| 9: | $53 \times 3$ | $6:$ | $1847 \times 3$ |
| 10: | $1721 \times 2$ | $8:$ | 2 nd prime number after 70 |
| 13: | $4935-3112$ | $11:$ | 5678 divided by 2 |
| 15: | One third of 759 | $12:$ | Seven-eighths of 2552 |
| 16: | 522 divided by 9 | $14:$ | $7 \times 5$ |
| 18: | $25 \%$ of 1180 | $17:$ | $80 \%$ of 1040 |
| 20: | $1133+2542$ | $18:$ | 5 squared |
| 21: | $66 \times 12$ | $19:$ | Half of 114 |
|  |  |  |  |

Name:




## Activity 7

## Consecutive Numbers game.

Consecutive numbers are numbers that follow one another in order. For this challenge you must find consecutive numbers that satisfy the requirements for each box. An example is done for you


Your turn


## Activity 8

## Cistercian Numerals:

## Can you find the number

## Example has been for you

## 4589



## Your turn

Find the number:

Can you guess how the number 4547
would look?

## Activity 9

## countdown

## 292



Find the closest calculation that will get you 292

## Activity 12



| ANGLE | COORDINATES | FACTOR | HEXAGON |
| :---: | :---: | :---: | :---: |
| AVERAGE | CORRELATION | FIFTY | HUNDRED |
| BILLION | CUBE | FOOT | INCH |
| BISECTOR | CUBOID | FORMULA | INTERCEPT |
| CALCULATOR | CYLINDER | FRACTION | ISOMETRIC |
| CENTIMETRE | DECIMAL | FREQUENCY | ISOSCELES |
| CHORD | DIAMETER | GEOMETRY | KITE |
| CIRCLE | ELLIPSE | GOOGOL | LINE |
| CIRCUMFERENCE | EQUATION | GOOGOLPLEX | LITRE |
| COMPASSES | EQUILATERAL | GRADIENT |  |
| CONE | EXPRESSION | HALF |  |

## Activity 13 - colouring in poster







Enter the answers to the sums below into the matching squares on the numbered grid

Clues Across

|  |  | Clues Across |  |
| :--- | :--- | :--- | :--- |
| 1: | $50 \%$ of 982 | $1:$ | Half of 878 |
| $3:$ | $2518+2135$ | $2:$ | Square root of 144 |
| $5:$ | $79 \times 3$ | $3:$ | 376 divided by 8 |
| $7:$ | Three-quarters of 128 | $4:$ | $7543-3915$ |
| $9:$ | $513+429$ | $6:$ | $737 \times 5$ |
| 10: | $153 \times 11$ | $8:$ | First prime number after 60 |
| 13: | $2668+3174$ | $11:$ | $7677-3789$ |
| 15: | 2022 divided by 3 | $12:$ | 7346 divided by 2 |
| 16: | $179-114$ | $14:$ | 156 divided by 6 |
| 18: | $75 \%$ of 912 | $17:$ | Four-fifths of 730 |
| 20:: | $1739+2245$ | $18:$ | 8 squared |
| $21:$ | Two-thirds of 846 | $19:$ | $90 \%$ of 50 |
|  |  |  |  |

家

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1




## Activity 15

## Long Multiplication Practice 3 Digits $\times 2$ Digits



| 13. |  |  |  |  |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :---: | :---: | :---: |
|  |  | 6 | 4 | 6 |  |  |  |
| $\times$ |  |  | 1 | 0 |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |


| 14. |  |  |  |  |  |  |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
|  |  | 7 | 0 | 9 |  |  |  |  |  |
| $\times$ |  |  | 1 | 7 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |


| 15. |  |  |  |  |  |  |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
|  |  | 9 | 1 | 4 |  |  |  |  |  |
| $\times$ |  |  | 5 | 7 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |



## Activity 16

## Short Division Practice 4 Digits Divided By 1 Digit

Divide the numbers up to four digits by a one-digit number using the formal written method of short division. Some of the answers will have a remainder.



## Activity 17 - complete on next p.g.

## River Riding

NOTE: In each section, do NOT connect the last point back to first point.


Here are some maths jokes to keep you entertained over the Summer

## What's a math teacher's favourite kind of tree?

Geometry
Parallel lines have so much in common
... It's a shame they'll never meet.
I had an argument with a $90^{\circ}$ angle.
It turns out it was right.
Did you hear about the over-educated circle?
It has $360^{\circ}$ !
What shape is usually waiting for you inside a Starbucks? A line.
Why doesn't anybody talk to circles?
Because there's no point.

Why was the obtuse triangle always upset?
Because it's never right.
What do geometry teachers have decorating their floor?
Area rugs!

