

## Day 2 Maths puzzles

Today we are looking at two types of maths puzzle.

Have a go at them and then try making one of your own. You could share your puzzle on your class blog.

### Sum Messages

Shade in the boxes where the answer is the target number.

target 12

$4 \times 3$	$7 + 5$	$6 + 6$
$8 + 5$	$19 - 7$	$20 - 5$
$4 \times 4$	$3 + 9$	$7 + 7$
$23 - 7$	$24 \div 2$	$6 \times 3$
$30 - 16$	$17 - 5$	$22 - 8$

target 4

$23 - 19$	$6 - 2$	$40 \div 10$
$2 \times 2$	$3 + 3$	$6 - 2$
$24 \div 6$	$5 - 2$	$20 - 16$
$3 + 1$	$12 \div 2$	$8 \div 2$
$4 \times 1$	$12 \div 3$	$7 - 3$

target 7

$2 + 5$	$7 \times 1$	$10 - 3$
$14 \div 2$	$15 \div 3$	$21 \div 3$
$12 - 5$	$5 + 2$	$3 + 4$
$20 - 13$	$20 - 12$	$15 - 9$
$6 + 1$	$6 \times 1$	$10 - 4$

The word is \_ \_ \_

target 8

$16 \div 2$	$4 + 4$	$11 - 3$
$8 \times 1$	$11 - 4$	$24 \div 3$
$15 - 7$	$17 - 9$	$2 \times 4$
$6 + 2$	$3 \times 3$	$20 - 12$
$14 - 6$	$14 - 7$	$5 + 3$

target 10

$7 + 3$	$9 + 1$	$2 \times 5$
$23 - 13$	$4 + 4$	$4 + 5$
$2 + 8$	$11 - 4$	$3 \times 2$
$5 + 5$	$3 \times 3$	$23 - 7$
$11 - 1$	$13 - 3$	$4 + 6$

target 3

$6 \div 2$	$11 - 8$	$12 \div 4$
$7 - 4$	$11 - 4$	$5 - 3$
$24 - 21$	$8 - 5$	$2 \times 1$
$9 \div 3$	$1 + 3$	$12 \div 3$
$12 - 9$	$5 - 2$	$20 - 17$

The word is \_ \_ \_

**\*\* Create your own 'sum message' for someone else to solve. \*\***



# Cross Puzzles

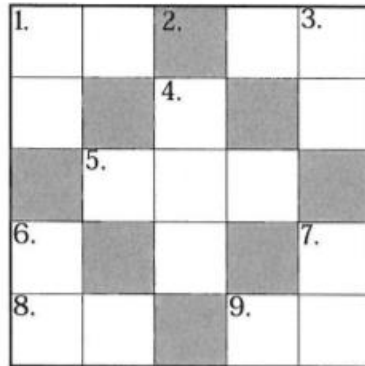
Use the clues to solve these two cross puzzles.

## Clues across

- 20 - 3
- 1 + 3 + 5 + 7 + 9
- Two hundred and sixty-four
- One less than 70
- 10 x 10 - 1

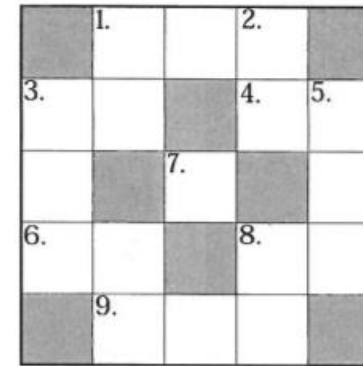
## Clues down

- Number of hours from midnight to noon.
- Half of a hundred.
- 188 + 100 + 78
- 2 x 2 x 2 x 2
- 7 x 7



## Clues across

- 100 + 10 + 1
- Number of hours in one day.
- 2 x 2 x 2 x 2 x 2
- Half of 10
- 6 x 10
- 3 x 3 x 3
- 110 - 5

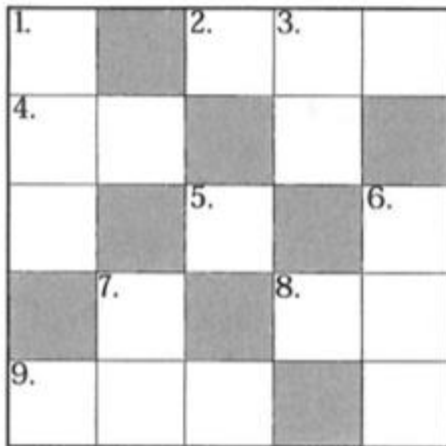


## Clues down

- 8 + 6
- 6 1/2 x 2
- 6 x 6 x 6
- 3 less than 300
- 9 + 7 + 5 + 3 + 1

**\*\* Create your own 'cross puzzle' for someone else to solve. \*\***

Use the grid below to invent a cross puzzle of your own.



Write the clues and give it to someone else to solve.

## Clues across

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## Clues down

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

