

# Year 4 Maths Activity Mat

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## Section 1

Order these numbers from smallest to largest:

6788 8677 7866 8766

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|



## Section 2

Fill in the missing numbers on this number line:

|    |  |   |  |  |   |  |
|----|--|---|--|--|---|--|
| -4 |  | 0 |  |  | 6 |  |
|----|--|---|--|--|---|--|

## Section 3

Convert these times to 24 hour clock:

a. 1.34pm =

b. 10.43pm =

c. 4.22pm =

d. 9.12pm =



## Section 4

A postman drives 42 miles a day.  
How many miles will he drive in  
5 days to the nearest 10 miles?  
Nearest 100 miles?

nearest 10 miles =

nearest 100 miles =

## Section 5

Fill in the missing numbers:

$$\begin{array}{r} 8 \quad 7 \quad 1 \\ - 1 \quad 9 \quad 9 \\ \hline 6 \quad 7 \quad \square \end{array}$$

## Section 6

Milly has a piece of ribbon 75cm long.  
She cuts it into 3 equal pieces. How long  
is each piece?

## Section 7

Asha bought a bag priced at £10.25 and  
a hair brush for £2.50. How much did she  
spend altogether?

## Section 8

Write the decimals which match  
the fractions:

|                | Decimal |
|----------------|---------|
| $\frac{1}{10}$ |         |
| $\frac{3}{4}$  |         |

Since our Science topic is all about animals, this comprehension offers some really interesting facts for you to find out about.

## Strange but True: Animals

There are many weird, wonderful and unique creatures on planet Earth but some are slightly stranger than others! Read on to find out some unusual and fascinating facts about members of the animal kingdom.

### Animal Criminals?



In 1975, police in London were baffled by a series of unsolved crimes. Hoping to crack the cases once and for all, police officers made an unusual move... they began to collect fingerprints from chimpanzees and orangutans at a local zoo!

Upon examination, it became clear that these members of the animal kingdom have something special in common with humans. Police officers were fascinated to find that the fingerprints of some primates

are remarkably similar to those left behind by humans at crime scenes!

Chimpanzees, orangutans and even koalas all share the same ridged patterns of loops, whorls and arches that can be found in human fingerprints. In some cases, the marks left behind by koalas have perplexed detectives. When studied under a microscope, investigators could not tell the difference between the prints left by humans and those made by these marsupial masterminds.

But, just in case you were wondering, no chimpanzee, orangutan or koala has ever been found to have committed a crime and no arrests were made at the zoo that day. Phew!

### Fact or Fiction? Elephants are the only animal that can't jump.

This is a myth. In fact, there are many animals that cannot jump, such as sloths, hippos and rhinos.



## Slippery Suspects



When you spot a snail on the footpath, you'd be forgiven for not taking a second glance. After all, snails are dull, brown creatures that move at a painfully slow pace... right?

Wrong. Did you know that snails have thousands of teeth? Snails chow down on leaves and shrubs using rows of thousands of microscopic teeth on their tongue. This toothy tongue is called a radula. In fact, a single garden snail can boast anywhere between 1,000 and 14,000 teeth between its jaws!

Another fascinating way that most snails experience the world around them is by using four **retractable** tentacles. At the top of a snail's upper two tentacles, you will see black dots which are the snail's eyes. A snail uses its lower two tentacles for smelling its environment. Impressively, a snail can move all four of its tentacles separately. This means that it can be looking at you while it is smelling your friend! Maybe, you will take a closer look next time you see a snail sauntering past you in the garden.

**Fact or Fiction?** Goldfish can only remember things for three seconds.

This is a myth. Recent studies have shown that your goldfish can remember things for far longer than you might expect. This could even be for at least six months! Scientists believe that goldfish are more intelligent than they are given credit for.



**Fact or Fiction?** Frogs can't vomit.

This is true. If a frog needs to remove something from its stomach, it pushes its stomach out of its mouth and wipes it with its feet!

### Glossary

**retractable:** Something that can be drawn back inside the main body of the animal or object.

# Questions

1. **In 1975, police in London were baffled by a series of unsolved crimes.**

In this sentence, how do the police officers feel? Tick one.

- ☐ delighted
- ☐ exhausted
- ☐ confused
- ☐ anxious

2. **...the prints left by humans and those made by marsupial masterminds.**

If the word 'marsupial' means 'a mammal with a pouch', what does the phrase 'marsupial masterminds' mean? Tick one.

- ☐ mammals that do not have a pouch
- ☐ lots of animals with two pouches
- ☐ intelligent mammals with a pouches
- ☐ someone who is in charge of mammals with pouches

3. Fill in the missing words.

Chimpanzees, orangutans and even koalas all share the same ridged patterns of \_\_\_\_\_, whorls and \_\_\_\_\_ that can be found in human fingerprints.

4. What does the word 'retractable' mean?

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5. What piece of equipment did investigators use to examine koalas' fingerprints?

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6. Comment on how the author tries to engage with the reader. Use evidence from the text to support your answer.

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7. Explain why you think this text was written.

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8. Use the text to summarise what happened in 1975 using 20 words or fewer.

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