

Wednesday 13th May - Maths

1. Warm up 1 – High 5 – Complete one set of the below questions. Answers are at the bottom of this document.

Mild

- 1) $2947 + 1793 =$
- 2) $871 - 521 =$
- 3) $17 \times 3 =$
- 4) $96 \div 3 =$
- 5) How many equivalent fractions can you list for $\frac{1}{2}$?
Example: $\frac{2}{4}$, $\frac{4}{8}$...Do you notice any pattern?

Spicy

- 1) $5951 + 3907 =$
- 2) $8701 - 5197 =$
- 3) $26 \times 9 =$
- 4) $306 \div 9 =$
- 5) What is $\frac{1}{4}$ of 44?

Hot

- 1) $7689 + 4008 =$
- 2) $8091 - 5941 =$
- 3) $208 \times 7 =$
- 4) $328 \div 9 =$
- 5) What is $\frac{3}{4}$ of 52?

2. Warm up 2 - Spend 15 minutes on Times Table Rockstars – Sound check. Your child has an individual login to access this (see your login details page). Your child is aiming for 25/25.
3. MAIN LESSON – LO: To solve correspondence problems.

Click this link <https://whiterosemaths.com/homelearning/year-4/>

You should automatically be on the correct page - Summer Term - Week 4 (w/c 11th May). Select Lesson 1 – Correspondence problems. Watch the video for this lesson and then complete the activity below in your work book.

When you feel you have answered all the question you can, mark your answers. Discuss your answers with an adult and together work on the questions you perhaps weren't too sure of. Answers are at the bottom of this document.

Please see activity on the following pages.

- 1 A canteen has 2 types of bread and a choice of 3 sandwich fillings.

Bread	Fillings
white	cheese
brown	tuna
	chicken

- a) List the different sandwiches that can be made.

One has been done for you.

cheese on white

- b) Complete the multiplication to represent the number of different combinations of bread and filling.

$$\square \times \square = \square$$

Complete the sentence.

There are \square combinations.

- c) How many combinations would there be if there were 4 choices of sandwich filling?

2

A pizzeria offers a choice of bases and toppings.

Pizza base	Toppings
deep pan	mushrooms
thin	chicken
	onion
	peppers
	sweetcorn

Complete the multiplication to work out how many different combinations of pizza there are.

$$\square \times \square = \square$$

Complete the sentence.


There are combinations of pizza.

3

Mo visits the funfair.

He buys a ticket that allows him to choose 1 ride and 1 game at the fair.

Rides	Games
Big dipper	Hook-a-duck
Dodgems	Basketball
Carousel	Coconut shy
	Lucky dip
	Test-your-strength



a)

There are 8 different possible choices of rides and games.



Is Mo correct? _____

Explain your answer.

b) List all the different choices Mo can make.

Mo can make different choices.

4 Aisha has 3 headbands and 5 hair slides.

Kim has 2 headbands and 6 hair slides.

Who has more choices of combinations for wearing one headband and 1 slide?

_____ has more choices.

Talk about it with a partner.

5

Here are the activity choices available at Summer Camp.

Sport	Arts and crafts	Outward bound
football	painting	wall climbing
tennis	pottery	kayaking
golf	mosaics	abseiling
	origami	

Each child is allowed to choose 3 activities per day:
1 sport, 1 arts and crafts and 1 outward bound.

a) How many activity combinations are there?

b) Due to a flooded pitch, football is cancelled.

How many combinations are now possible?

There are combinations.

6

Tom and Esther are building a snowman.

They have a choice of 5 hats, 4 scarves and 2 pairs of gloves to dress their snowman.

How many different combinations are possible?

$$\square \times \square \times \square = \square$$

There are combinations.

Wednesday 13th May – Maths answers

Mild

- 1) $2947 + 1793 = 4740$
- 2) $871 - 521 = 350$
- 3) $17 \times 3 = 51$
- 4) $96 \div 3 = 32$

Spicy

- 10) $5951 + 3907 = 9858$
- 11) $8701 - 5197 = 3504$
- 12) $26 \times 9 = 234$
- 13) $306 \div 9 = 34$

Hot

- 6) $7689 + 4008 = 11,697$
- 7) $8091 - 5941 = 2150$
- 8) $208 \times 7 = 1456$
- 9) $328 \div 9 = 36r4$



A canteen has 2 types of bread and a choice of 3 sandwich fillings.

Bread	Fillings
white	cheese
brown	tuna
	chicken

a) List the different sandwiches that can be made.

One has been done for you.

cheese on white cheese on brown

tuna on white tuna on brown

chicken on white chicken on brown

b) Complete the multiplication to represent the number of different combinations of bread and filling.

$$\boxed{2} \times \boxed{3} = \boxed{6}$$

Complete the sentence.

There are $\boxed{6}$ combinations.

c) How many combinations would there be if there were 4 choices of sandwich filling?

$\boxed{8}$

2

A pizzeria offers a choice of bases and toppings.

Pizza base	Toppings
deep pan	mushrooms
thin	chicken
	onion
	peppers
	sweetcorn

Complete the multiplication to work out how many different combinations of pizza there are.

$$\boxed{2} \times \boxed{5} = \boxed{10}$$

Complete the sentence.

There are combinations of pizza.

3

Mo visits the funfair.

He buys a ticket that allows him to choose 1 ride and 1 game at the fair.

Rides	Games
Big dipper	Hook-a-duck
Dodgems	Basketball
Carousel	Coconut shy
	Lucky dip
	Test-your-strength



a)

There are 8 different possible choices of rides and games.



Is Mo correct? No

Explain your answer.

He has done $3 + 5$ not 3×5

b) List all the different choices Mo can make.

BH BB BC BL BT

DH DB DC DL DT

CH CB CC CL CT

Mo can make 15 different choices.

4 Aisha has 3 headbands and 5 hair slides.

Kim has 2 headbands and 6 hair slides.

Who has more choices of combinations for wearing one headband and 1 slide?

Aisha has more choices.

Talk about it with a partner.

5

Here are the activity choices available at Summer Camp.

Sport	Arts and crafts	Outward bound
football	painting	wall climbing
tennis	pottery	kayaking
golf	mosaics	abseiling
	origami	

Each child is allowed to choose 3 activities per day:
1 sport, 1 arts and crafts and 1 outward bound.

a) How many activity combinations are there?

36

b) Due to a flooded pitch, football is cancelled.

How many combinations are now possible?

There are 24 combinations.

6

Tom and Esther are building a snowman.

They have a choice of 5 hats, 4 scarves and 2 pairs of gloves to dress their snowman.

How many different combinations are possible?

$$5 \times 4 \times 2 = 40$$

There are 40 combinations.

