MATHS – YEAR 5 Week 2

WHITE ROSE MATHS

Outline for this week:

Monday: Adding decimals (starter - inverse with addition calculations)

Tuesday: Subtracting decimals (starter - mixed inverse)

Wednesday: Complements to 1 (starter – missing number shape)

Thursday: Adding decimals - crossing the whole (starter – word problem)

Friday: Friday Maths Challenge (Q1-5 are most suitable for Year 5s but please feel free to try more than this if you feel like you want a challenge) There will be no starter today.



What I notice: - The calculation is addition. - We already have our 'sum' (total) - One of the addends is

 One of the addends is missing

What would happen if I added 2564 and 8675?

2564 + 8675 = 11239

Now let's put that back in the calculation. What do you notice?



Vhat I notice:
The calculation is addition.
We already have our 'sum' (total)
One of the addends is

missing

What would happen if did this:

2564 - 8675 = ?

Well, I'm trying to subtract more than I started with. Imagine you baked 2564 cakes, and your friend tried to take 8675 cakes from you. They wouldn't physically be able to take this as it's more than you baked.



TRY THESE:

1) 2567 + _____ = 8745

2) _____ + 9876 = 14,209

3) 792 = _____ + 284

TRY THESE: ANSWERS

1) 2567 + <u>6178</u> = 8745

2) <u>4333</u> + 9876 = 14,209

3) 792 = <u>508</u> + 284

<u>TUESDAY: STARTER (INVERSE/MISSING NUMBER QUESTIONS)</u> <u>NOW USE YOUR KNOWLEDGE ON INVERSE TO ANSWER THESE</u> <u>QUESTIONS</u>

1) 6542 - ____ = 2875

2) 7626 + _____ = 12,432

3) _____ + 3672 = 9347

4) 28762 - ____ = 9438

5) _____ - 6704 = 14,564

CHALLENGE: 705 = 952 - _____

<u>TUESDAY: STARTER (INVERSE/MISSING NUMBER QUESTIONS)</u> <u>ANSWERS</u>

1) 6542 – <u>3667</u> = 2875

2) 7626 + <u>4806</u> = 12,432

3) <u>5675</u> + 3672 = 9347

4) 28762 – <u>19,324</u> = 9438

5) <u>21,268</u> - 6704 = 14,564

This question is exactly like question 4, but just presented in a different way.

CHALLENGE: 705 = 952 - <u>247</u>

WEDNESDAY STARTER: MISSING NUMBER SHAPE



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WEDNESDAY STARTER: NOW YOU TRY



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THURSDAY STARTER: WORD PROBLEMS

At this point of the problem there are 11 bees in the hive.

There were 6 bees in a beehive.

5 flew into the hive and 7 bees fly out.



How many bees are in the beehive now?

How would you show, using the pictures, the bees that flew out?

See next slide...

I have crossed out the seven that flew off.

THURSDAY STARTER: WORD PROBLEMS

There were 6 bees in a beehive.



5 flew into the hive and 7 bees fly out.



How many bees are in the beehive now?

That leaves us with 4 bees in the beehive now.

THURSDAY STARTER: WORD PROBLEMS

There were 21 bees in a beehive.

16 flew into the hive and 18 bees fly out.

How many bees are in the beehive now?

YOU MUST:

Use objects to represent the bees...even if you can do the calculation already!

THURSDAY STARTER: WORD PROBLEMS (ANSWER)

There were 21 bees in a beehive.

16 flew into the hive and 18 bees fly out.

How many bees are in the beehive now?

21 + 16 (flew in) = 37 bees

37 - 18 (flew out) = 19 bees

Answer in a sentence: 19 bees were left in the hive.

THURSDAY STARTER: NOW YOU TRY

1) There were 471 bees in a hive.

38 bees **fly into** the hive and 82 bees **fly out**. How many bees are in the hive now?

2) There were 628 bees in a hive.

275 bees **fly into** the hive and 106 bees **fly out**. How many bees are in the hive now?

3) There were 328 cupcakes in a shop.

That morning, the shop had a delivery of 175 cakes. However, 206 cakes were sold that day. How many cakes were left in the shop at the end of the day?

THURSDAY STARTER: NOW YOU TRY (ANSWERS)

1) There were 471 bees in a hive.

38 bees **fly into** the hive and 82 bees **fly out.** How many bees are in the hive now? There were 427 bees left in the hive.

2) There were 628 bees in a hive.

275 bees **fly into** the hive and 106 bees **fly out**. How many bees are in the hive now? There were 797 bees left in the hive.

3) There were 328 cupcakes in a shop.

That morning, the shop had a delivery of 175 cakes. However, 206 cakes were sold that day. How many cakes were left in the shop at the end of the day? There were 297 cakes left in the shop at the end of the day.