Wednesday 13th May

Physical activity
Lets try some yoga today!

A Cosmic Kids Yoga Adventure:

https://www.youtube.com/watch?v=pT-s1-phgxs&list=PL8snGkhBF7nj830dhjyI1OSYLGHgHlls6&index=14

If you cannot access the link, open YouTube and search for '**A Cosmic Kids Yoga Adventure - Coco the Butterfly'**

Daily TT Rock Stars

- Complete another page in your TT Rock Stars booklet or have another go online.

- Can you beat your last score?

- Why not log onto TT Rock Stars online and send someone in your class a Rock Slam?

Mental Maths (10-4-10) Questions

1. ___ + 22 = 43
2. 31 – ___ = 19
3. 30 - 9 =
4. 16 ÷ 4 =
5. 100 - ___ = 83
6. 56p + 29p =
7. 57 - 25 =
8. ½ of 28 =
9. ¾ of 28 =
10. 3 x ___ = 24

Extension!

1. I'm thinking of a number. I add 18 to it. The answer is 40. What was my number?

2. Write the number 66 using words.

3. A box weighs 31g. A can weighs 24g. What is the total weight?

4. I went to the shop with 31p I found 32p in my pocket. How much did I have altogether?

5. I'm thinking of a number. I multiply it by 5 The answer is 60. What was my original number?

Mental Maths (10-4-10)
Answers

1. **21** + 22 = 43
2. 31 – **12** = 19
3. 30 - 9 = **21**
4. 16 ÷ 4 = **4**
5. 100 - **17** = 83
6. 56p + 29p = **85p**
7. 57 - 25 = **32**
8. ½ of 28 = **14**
9. ¾ of 28 = **21**
10. 3 x **8** = 24

Extension!

1. I'm thinking of a number. I add 18 to it. The answer is 40. What was my number? **= 22**

2. Write the number 66 using words. **= Sixty-six**

3. A box weighs 31g. A can weighs 24g. What is the total weight? **= 55g**

4. I went to the shop with 31p I found 32p in my pocket. How much did I have altogether? **= 63p**

5. I'm thinking of a number. I multiply it by 5 The answer is 60. What was my original number? **= 12**

Maths Home Learning – White Rose

https://whiterosemaths.com/homelearning/year-2/

Use the link above to help your child to learn about related facts (Summer Term – Week 3 - lesson 3)

- First watch the video clip and then complete the activities when asked to do so.

- We have included a black and white copy of the worksheets for you to print at home if possible. Aim to have these ready before you watch each of the video clips.

- You can keep all your work in the folder we provided.

Lesson 3 - Related Facts
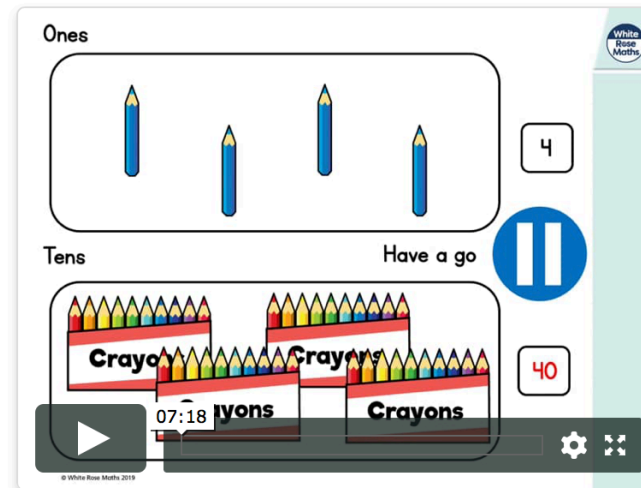
Get the Activity
Y2 Lesson 3 Related facts 2019

Get the Answers
Y2 Lesson 3 Answers Related facts 2019

Maths focus – related facts

To develop our knowledge of number today, we will be looking into related facts of numbers.

Certain numbers and facts are related or make up a fact "family" and there are only three numbers in each family.

They are related because you can add two of the numbers together to get the third number. You can switch the order of the two numbers added above to equal the third number again.

e.g. 8 + 5 = 13

    5 + 8 =13

This also develops our understanding when we work with multiples of 10.

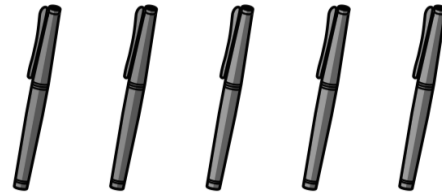If I know that 4 + 3 = 7,

I now know that 40 + 30 = 70

Related facts

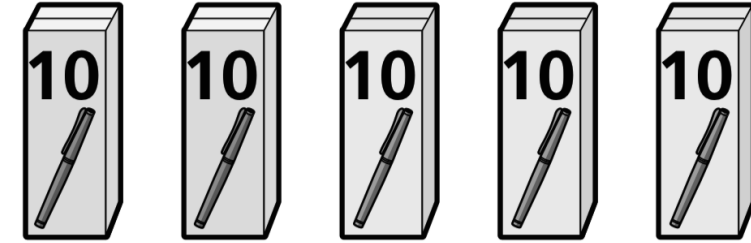1 Use base 10 to show that 3 + 5 = 8 and 30 + 50 = 80

Draw your answer.

What is the same about your models?
What is different?

2 a) Eva has 2 red pens and 3 blue pens.

How many pens does Eva have?

b) Tommy has 20 red pens and 30 blue pens.

How many pens does Tommy have?

3 Fill in the missing numbers in the related facts.

a) 1 + 2 = 3

10 + 20 =

b) 7 + 2 = 9

70 + 20 =

c) 4 + 6 =

+ 60 = 100

d) 1 + 8 = ☐

☐ + 10 = 90

e) 3 + 4 = ☐

☐ + ☐ = 70

f) 8 + ☐ = 8

☐ + 80 = 80

4 Complete the part-whole models.
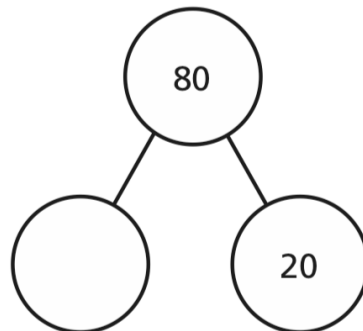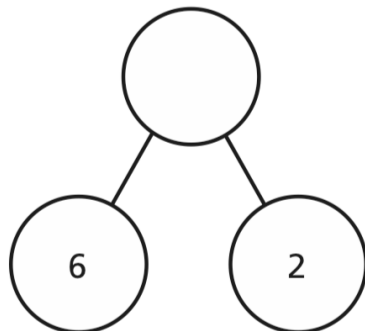
5 Fill in the missing numbers in the related facts.

a) 5 − 3 = 2

50 − 30 = ☐

b) 7 − 1 = 6

70 − 10 = ☐

c) 10 − 6 = ☐

☐ − 60 = 40

6

If 3 + 1 = 4, then 30 + 10 = 400 because there are two zeros.
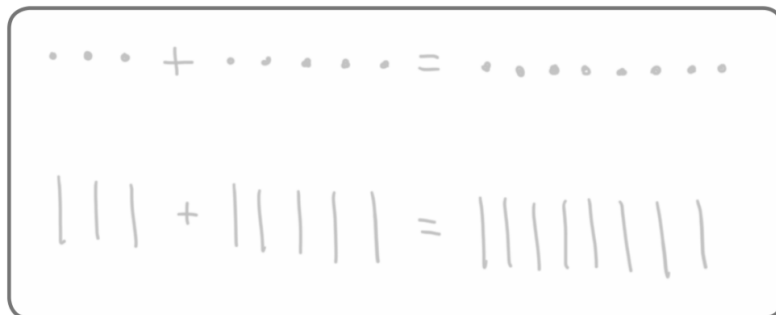
Do you agree with Dexter? _____

Explain your answer.

_____

_____

Today's Answers (part 1)

☺

1 Use base 10 to show that 3 + 5 = 8 and 30 + 50 = 80

Draw your answer.

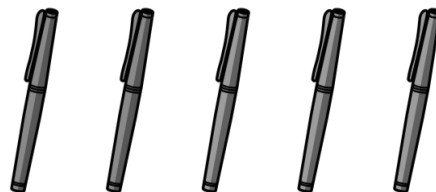· · · + · · · · · = · · · · · · · ·

| | | + | | | | | = | | | | | | | |

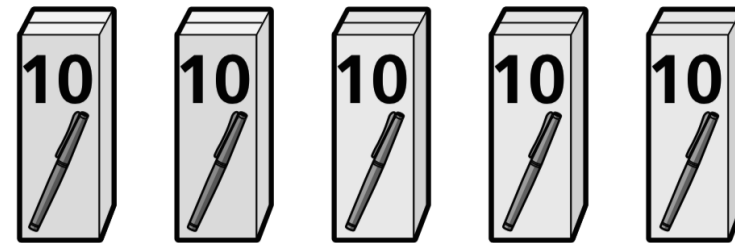What is the same about your models?
What is different?

2 a) Eva has 2 red pens and 3 blue pens.

How many pens does Eva have? 5

b) Tommy has 20 red pens and 30 blue pens.

10 10 10 10 10

How many pens does Tommy have? 50

3 Fill in the missing numbers in the related facts.

a) 1 + 2 = 3

10 + 20 = 30

b) 7 + 2 = 9

70 + 20 = 90

c) 4 + 6 = 10

40 + 60 = 100

Today's Answers (part 2) ☺

d) $1 + 8 =$ ☐ 9

☐ 80 $+ 10 = 90$

e) $3 + 4 =$ ☐ 7

☐ 30 $+$ ☐ 40 $= 70$

f) $8 +$ ☐ 0 $= 8$

☐ 0 $+ 80 = 80$

4 Complete the part-whole models.

8
/ \
6   2

80
/ \
60   20
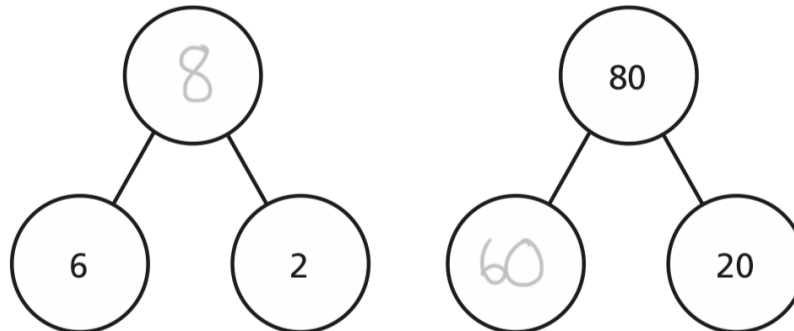
5 Fill in the missing numbers in the related facts.

a) $5 - 3 = 2$

$50 - 30 =$ ☐ 20

b) $7 - 1 = 6$

$70 - 10 =$ ☐ 60

c) $10 - 6 =$ ☐ 4

☐ 100 $- 60 = 40$

6

If $3 + 1 = 4$, then $30 + 10 = 400$ because there are two zeros.

Do you agree with Dexter? __No__

Explain your answer.

__30 + 10 = 40 not 400__

__Base 10: ||| + | = ||||__

Spend some time learning your spellings.

You could still use the same strategies as before:

*Write the word out 5 times.
*Get a grown up/older sibling to test you verbally.
*Write each word in fancy letters and colour them in like rainbow words.
*Write out each spelling into a sentence.

Today's words are:

We will continue with the same spelling rule all week

*cancel
*chance
*cycle
*price
*slice

Reading time

- Read your school reading book or a book from home for 20 minutes.

- Fun time extra! - design a new front cover for your book and write a blurb to help other children who may want to read this book.

English - lesson 3
Command Sentences - new learning

- Commands are a type of sentence in which someone is being told to do something.

- Command sentences usually, but not always, start with an imperative verb (some people call these bossy verbs) because they tell someone to do something.

- We often see examples of these types of sentences in recipes and instructions.

Can you choose the correct imperative (bossy) verbs to complete the commands in this recipe?

First, _____ the oven to 180 C. Secondly, ____ the butter and sugar in a bowl and _____ with a fork until fluffy. Next, _____ the flour into the bowl. After that, _____ the eggs and then ____ to the bowl. Finally, _____ the mixture into paper cases and _____ for twenty minutes in the oven.

Choose from the following words to help you.
beat, add, spoon, sift, bake, heat, put, whisk

Challenge: Can you write your own recipe using lots of commands and imperative verbs?

Answers

<u>Can you choose the correct imperative (bossy) verbs to complete the commands in this recipe?</u>

First, <u>heat</u> the oven to 180 C. Secondly, <u>put</u> the butter and sugar in a bowl and <u>beat</u> with a fork until fluffy. Next, <u>sift</u> the flour into the bowl. After that, <u>whisk</u> the eggs and then <u>add</u> to the bowl. Finally, <u>spoon</u> the mixture into paper cases and <u>bake</u> for twenty minutes in the oven.
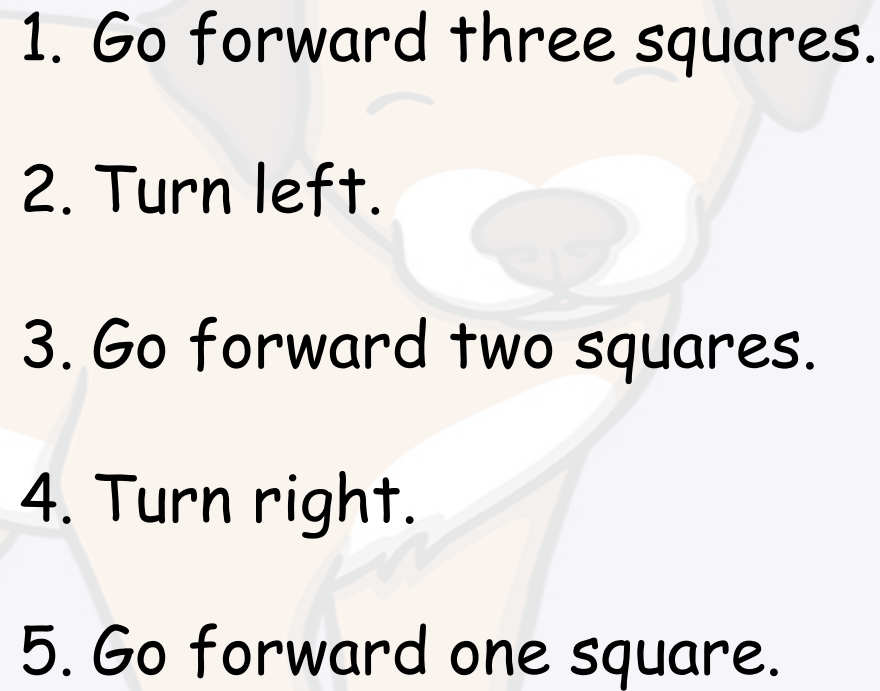
beat   add   spoon   sift   bake   heat   put   whisk

Challenge: Can you write your own recipe using lots of commands and imperative verbs?

Can you write the command sentences needed to tell the Bee-Bot how to get from the school to the forest?
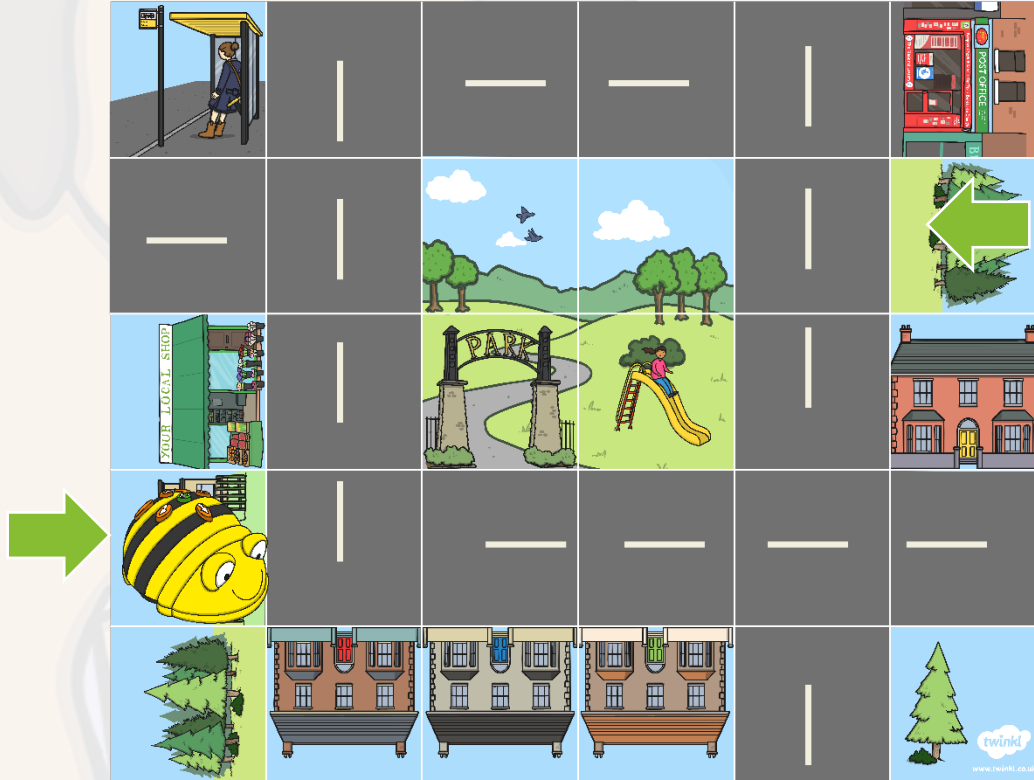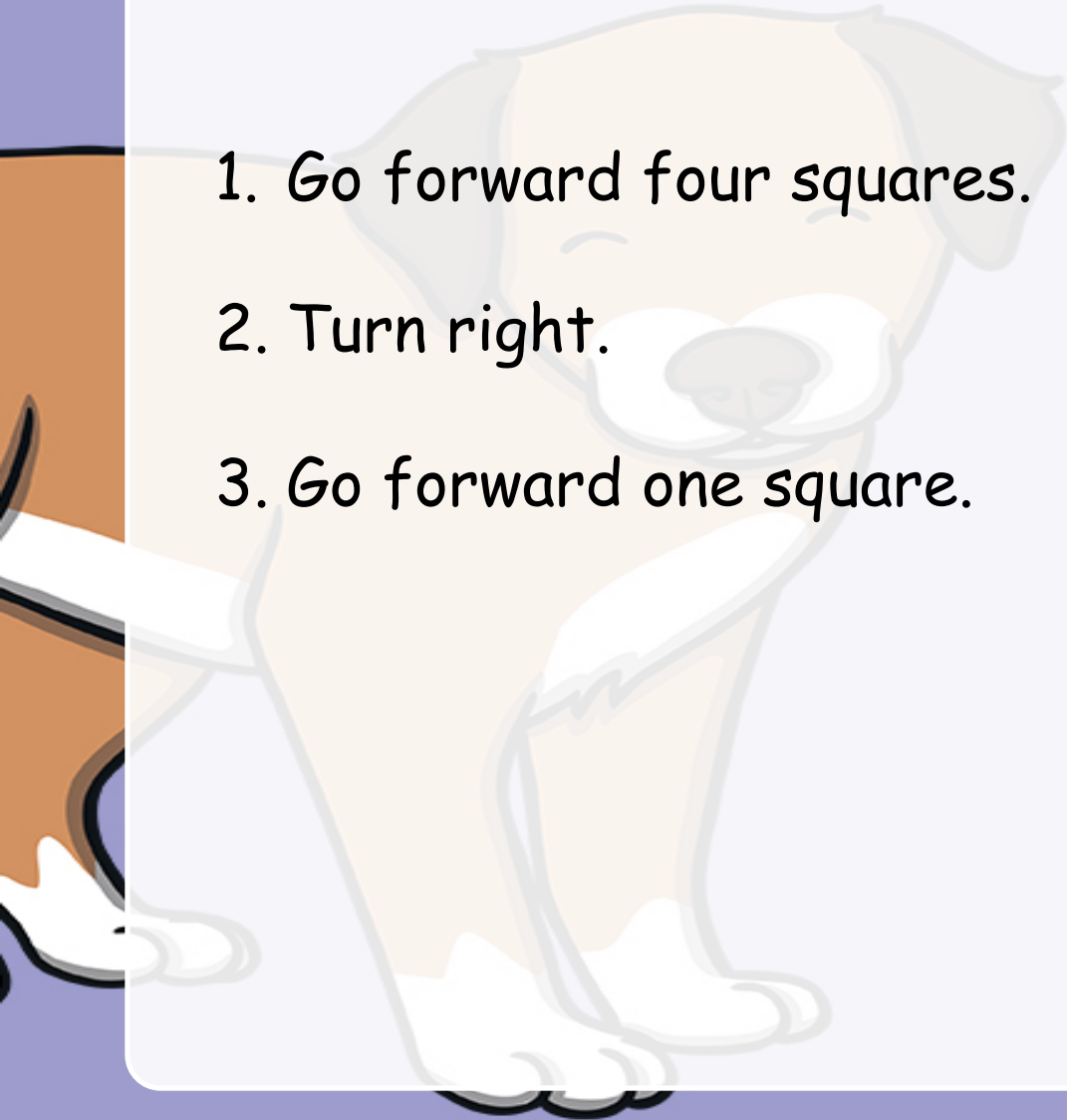
Answers

1. Go forward three squares.

2. Turn left.

3. Go forward two squares.

4. Turn right.

5. Go forward one square.

Can you write your own directions to somewhere else on the map, using command sentences?

Various answers are possible. Try mine!

1. Go forward four squares.

2. Turn right.

3. Go forward one square.

Topic – Castles and Dragons - new learning

- **Question:** Use the facts below to help you decide if Dover Castle was built in a good location.

This is Dover Castle.

Dover Castle is situated on the chalk cliffs overlooking the English Channel. The castle is built from stone not chalk, so people had to take stone blocks to the site. The keep is 25m high, so a lot of stone was brought to the top of the cliffs!

Dover Castle facts

- Dover Castle was built near a river and a forest. The people living in the castle collected food and water regularly to store in the castle.

- Dover Castle is at the narrowest part of the English Channel. Ships arriving from France moored on the beach under the castle. The sailors had to climb the steep cliffs to reach the castle.

- Dover Castle's location meant it was very important and has been attacked lots of times. Attackers had to climb the cliffs, cross the moat and climb two walls to get to the castle. Most of them didn't get to the castle!

Dover Castle - use the following questions to help with your answers.

- Where do you think the people living in the castle got their food and drinking water from?
- Was the castle easy to get to?
- Was the castle easy to defend?
- What land features are near the castle to help the people who lived there? E.g. hill, lake, mountain, sea