

Year 2

February Half Term

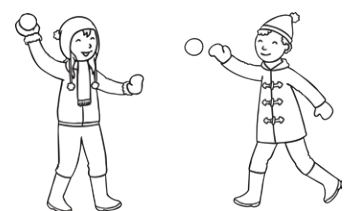
Homework Pack

# Winter Theme Addition Mosaic Addition

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

**4** = orange   **20** = white   **15** = light blue   **6** = dark blue   **10** = black   **12** = yellow

$0 + 15$	$1 + 14$	$12 + 3$	$1 + 14$	$6 + 0$	$1 + 5$	$0 + 6$	$13 + 2$	$14 + 1$	$15 + 0$	$8 + 7$
$6 + 9$	$15 + 0$	$14 + 1$	$5 + 1$	$4 + 2$	$0 + 6$	$2 + 4$	$3 + 3$	$13 + 2$	$10 + 5$	$9 + 6$
$10 + 5$	$7 + 8$	$13 + 2$	$10 + 5$	$11 + 9$	$4 + 16$	$6 + 14$	$12 + 3$	$5 + 10$	$12 + 3$	$8 + 7$
$14 + 1$	$10 + 5$	$6 + 9$	$18 + 2$	$5 + 5$	$7 + 13$	$2 + 8$	$2 + 18$	$15 + 0$	$14 + 1$	$10 + 5$
$11 + 4$	$8 + 7$	$15 + 0$	$19 + 1$	$12 + 8$	$2 + 2$	$16 + 4$	$7 + 13$	$12 + 3$	$13 + 2$	$6 + 9$
$10 + 5$	$14 + 1$	$8 + 7$	$6 + 9$	$15 + 5$	$19 + 1$	$20 + 0$	$14 + 1$	$13 + 2$	$11 + 4$	$10 + 5$
$0 + 10$	$7 + 8$	$4 + 11$	$15 + 0$	$2 + 10$	$6 + 6$	$8 + 4$	$9 + 6$	$15 + 0$	$6 + 9$	$3 + 7$
$11 + 4$	$7 + 3$	$14 + 1$	$13 + 2$	$7 + 13$	$9 + 11$	$2 + 18$	$7 + 5$	$9 + 6$	$9 + 1$	$13 + 2$
$9 + 6$	$10 + 5$	$2 + 8$	$8 + 2$	$17 + 3$	$1 + 5$	$6 + 14$	$9 + 3$	$6 + 4$	$7 + 8$	$10 + 5$
$1 + 14$	$11 + 4$	$6 + 9$	$10 + 10$	$9 + 11$	$8 + 12$	$5 + 15$	$4 + 8$	$12 + 3$	$11 + 4$	$9 + 6$
$14 + 1$	$11 + 4$	$11 + 4$	$14 + 6$	$12 + 8$	$3 + 3$	$10 + 10$	$19 + 1$	$14 + 1$	$15 + 0$	$6 + 9$

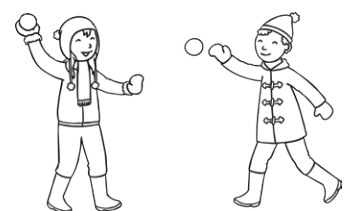


# Winter Theme Addition Mosaic Addition

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

**12** = light pink   **18** = light blue   **21** = yellow   **8** = black   **15** = blue   **10** = red

$13 + 5$	$17 + 1$	$13 + 5$	$13 + 5$	$9 + 9$	$2 + 8$	$4 + 14$	$7 + 11$	$14 + 4$	$12 + 6$	$17 + 1$
$13 + 5$	$0 + 18$	$2 + 16$	$4 + 14$	$10 + 5$	$7 + 8$	$11 + 4$	$17 + 1$	$5 + 13$	$10 + 8$	$5 + 13$
$1 + 17$	$16 + 2$	$14 + 4$	$3 + 7$	$6 + 4$	$10 + 0$	$9 + 1$	$4 + 6$	$1 + 17$	$15 + 3$	$11 + 7$
$10 + 8$	$15 + 3$	$12 + 3$	$9 + 6$	$15 + 0$	$3 + 12$	$14 + 1$	$13 + 2$	$8 + 7$	$10 + 8$	$16 + 2$
$5 + 13$	$9 + 9$	$8 + 13$	$0 + 12$	$1 + 11$	$9 + 3$	$11 + 1$	$12 + 0$	$2 + 19$	$13 + 5$	$7 + 11$
$11 + 7$	$8 + 10$	$21 + 0$	$7 + 5$	$4 + 4$	$6 + 6$	$2 + 6$	$7 + 5$	$14 + 7$	$9 + 9$	$14 + 4$
$8 + 10$	$5 + 13$	$9 + 12$	$1 + 11$	$7 + 5$	$6 + 4$	$9 + 3$	$8 + 4$	$5 + 16$	$5 + 13$	$6 + 12$
$15 + 3$	$20 + 1$	$11 + 10$	$9 + 3$	$6 + 6$	$4 + 8$	$7 + 5$	$10 + 2$	$16 + 5$	$18 + 3$	$9 + 9$
$14 + 4$	$13 + 5$	$14 + 4$	$8 + 4$	$7 + 1$	$8 + 0$	$3 + 5$	$6 + 6$	$10 + 8$	$15 + 3$	$1 + 17$
$13 + 5$	$1 + 17$	$14 + 4$	$14 + 4$	$1 + 11$	$3 + 9$	$5 + 7$	$5 + 13$	$13 + 5$	$9 + 9$	$14 + 4$
$16 + 2$	$15 + 3$	$9 + 9$	$8 + 10$	$8 + 2$	$6 + 4$	$9 + 1$	$11 + 7$	$8 + 10$	$17 + 1$	$14 + 4$



# Winter Subtraction Mosaic

## Subtraction to 20

Solve the maths problems to reveal the hidden picture. Each answer has a special colour:

2 = blue

5 = black

10 = white

12 = orange

15 = green

$10 - 8$	$15 - 13$	$12 - 10$	$10 - 5$	$13 - 8$	$9 - 4$	$8 - 3$	$12 - 10$	$15 - 13$
$16 - 14$	$3 - 1$	$6 - 4$	$20 - 5$	$17 - 2$	$19 - 4$	$16 - 1$	$10 - 8$	$2 - 0$
$5 - 3$	$20 - 18$	$10 - 5$	$16 - 11$	$11 - 6$	$12 - 7$	$7 - 2$	$18 - 13$	$7 - 5$
$19 - 17$	$2 - 0$	$3 - 1$	$11 - 1$	$15 - 5$	$18 - 8$	$20 - 10$	$15 - 13$	$12 - 10$
$11 - 9$	$15 - 13$	$17 - 7$	$6 - 1$	$13 - 3$	$14 - 4$	$20 - 15$	$10 - 0$	$4 - 2$
$3 - 1$	$20 - 8$	$15 - 3$	$18 - 6$	$13 - 1$	$12 - 2$	$17 - 7$	$13 - 3$	$10 - 8$
$7 - 5$	$5 - 3$	$20 - 10$	$9 - 4$	$19 - 9$	$16 - 6$	$15 - 10$	$15 - 5$	$15 - 13$
$17 - 15$	$12 - 10$	$14 - 4$	$18 - 8$	$10 - 5$	$8 - 3$	$11 - 1$	$10 - 0$	$3 - 1$
$10 - 8$	$4 - 2$	$7 - 5$	$17 - 7$	$12 - 2$	$11 - 1$	$18 - 8$	$10 - 8$	$6 - 4$
$2 - 0$	$3 - 1$	$13 - 3$	$19 - 9$	$20 - 10$	$14 - 4$	$16 - 6$	$15 - 5$	$19 - 17$

# Winter Subtraction Mosaic

## Subtraction to 20

Solve the maths problems to reveal the hidden picture. Each answer has a special colour:

2 = yellow

3 = black

5 = blue

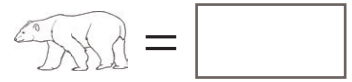
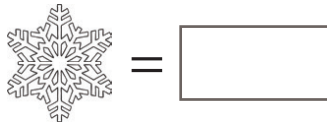
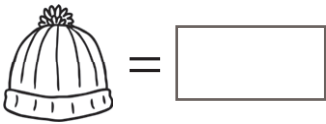
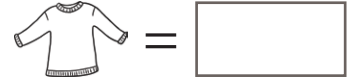
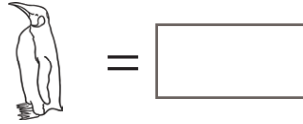
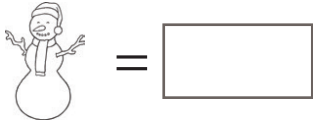
10 = white

$5 - 0$	$7 - 2$	$20 - 17$	$3 - 0$	$14 - 11$	$19 - 16$	$7 - 4$	$19 - 14$	$6 - 1$
$18 - 13$	$5 - 2$	$6 - 3$	$18 - 15$	$7 - 4$	$20 - 17$	$12 - 9$	$14 - 11$	$9 - 4$
$18 - 15$	$9 - 6$	$10 - 0$	$12 - 9$	$19 - 16$	$3 - 0$	$20 - 10$	$9 - 6$	$18 - 15$
$19 - 16$	$19 - 9$	$16 - 6$	$13 - 3$	$5 - 2$	$16 - 6$	$19 - 9$	$17 - 7$	$6 - 3$
$14 - 11$	$17 - 7$	$10 - 7$	$14 - 4$	$20 - 10$	$17 - 7$	$13 - 10$	$16 - 6$	$20 - 17$
$20 - 17$	$20 - 10$	$16 - 6$	$19 - 9$	$14 - 4$	$16 - 6$	$20 - 10$	$10 - 0$	$19 - 16$
$5 - 2$	$14 - 4$	$17 - 7$	$4 - 2$	$16 - 14$	$8 - 6$	$13 - 3$	$14 - 4$	$3 - 0$
$9 - 6$	$19 - 16$	$16 - 6$	$13 - 3$	$13 - 11$	$18 - 8$	$11 - 1$	$12 - 9$	$9 - 6$
$19 - 16$	$18 - 15$	$14 - 11$	$14 - 4$	$19 - 9$	$17 - 7$	$6 - 3$	$14 - 11$	$7 - 4$
$20 - 15$	$3 - 0$	$20 - 17$	$13 - 3$	$20 - 10$	$10 - 0$	$18 - 15$	$5 - 2$	$14 - 9$

# Challenge

Aim: I can use addition and subtraction facts to solve problems.

1. Can you use your maths detective skills to work out which numbers these symbols represent?



6

+



=

10



+



=

9



+



=

6



+



=

4



+



=

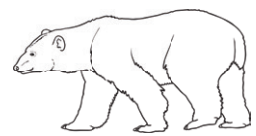
12



-









=






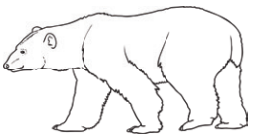


# Winter Crack the Code

2. Are these coded number sentences correct? Mark them with a tick or a cross.

a.  +  = 

b.  +  = 

c.  -  = 

d.  -  = 

3. Make up values for these winter images and write some of your own addition and subtraction sentences using your code.



Sunday

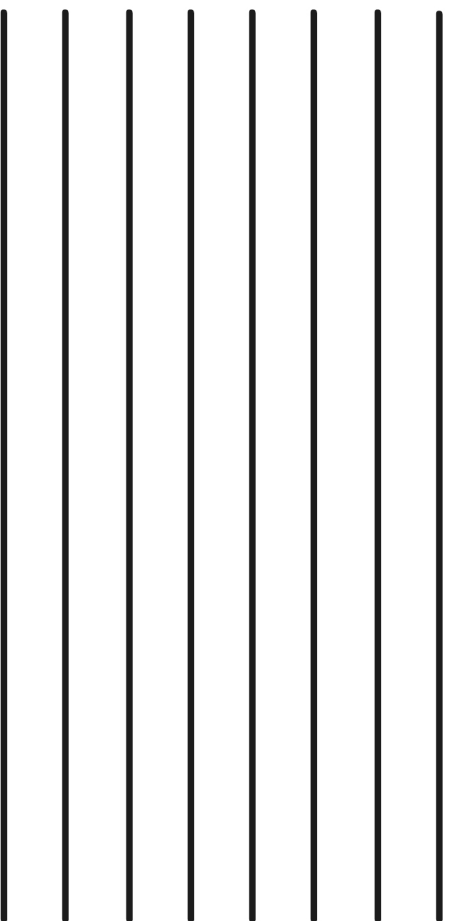
My

Diary

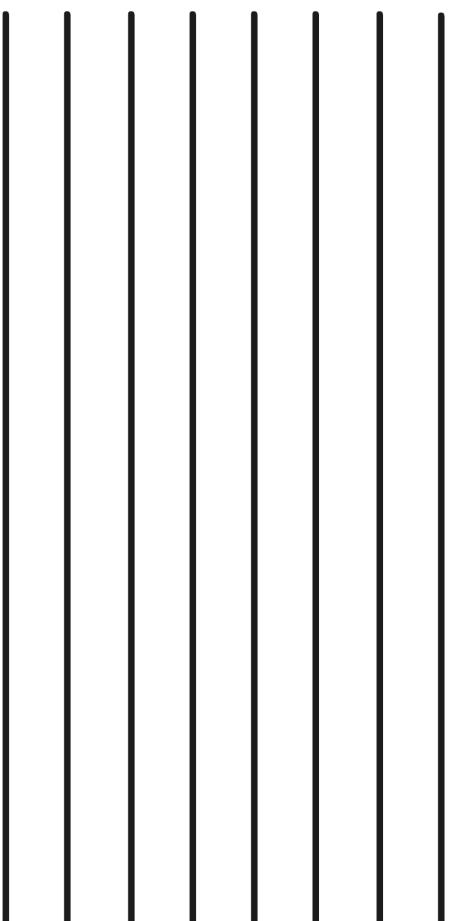
Name: \_\_\_\_\_



Monday



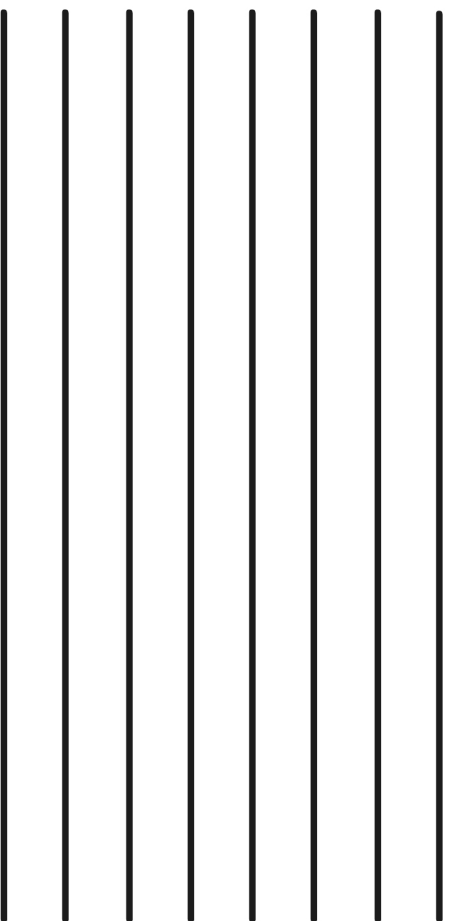
Saturday



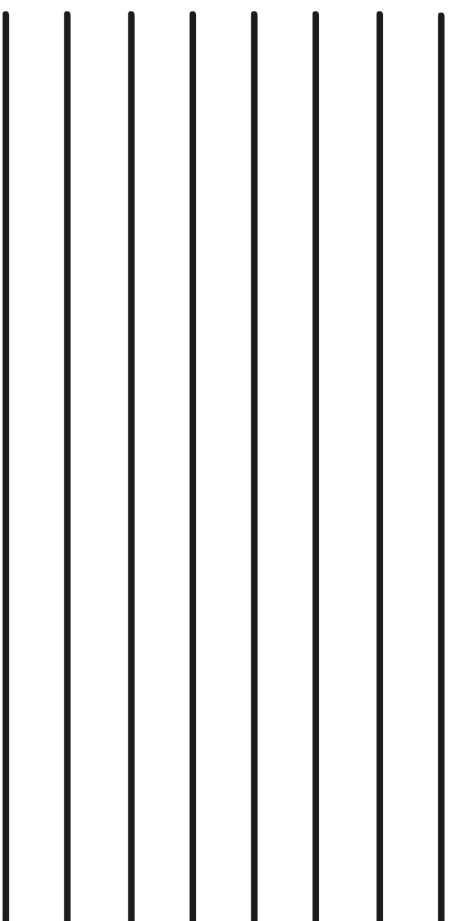
Friday

Tuesday

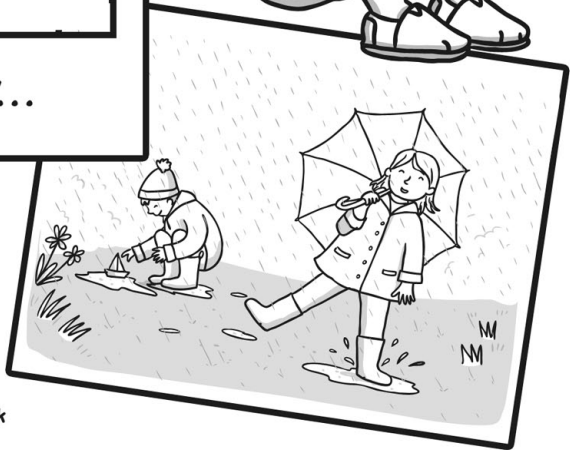
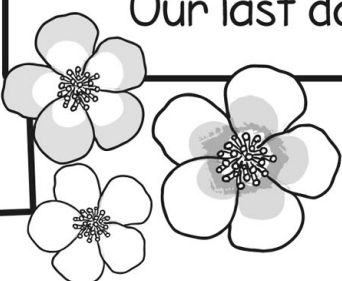
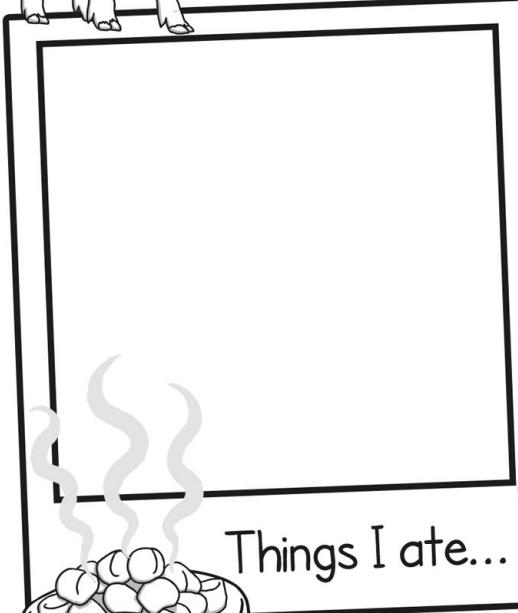
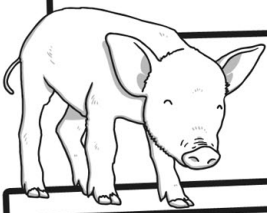
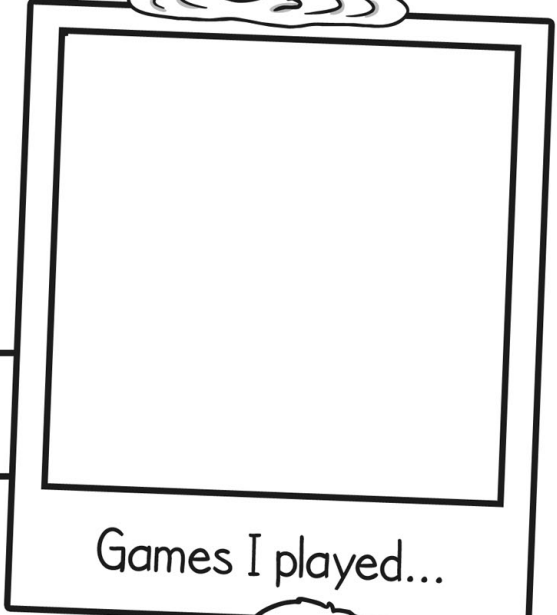
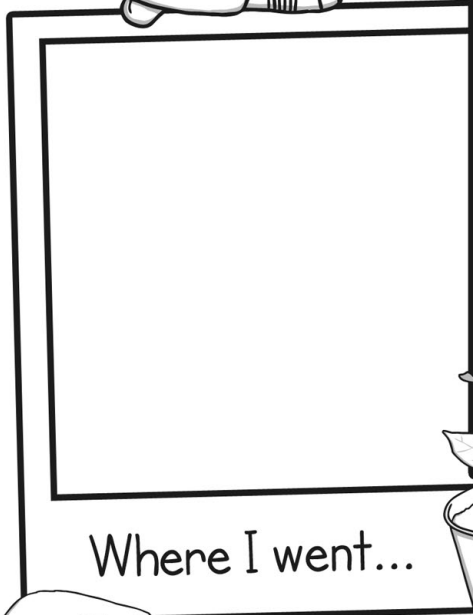
Wednesday



Thursday



# My February Half-Term Snapshots



# Toilet Roll Bird Feeder

As winter comes and temperatures drop, garden birds need our help. Make this bird feeder and hang it in your garden to feed your feathery friends all winter long.

## You will need:

- A cardboard tube
- Peanut butter\*
- A butter knife
- Birdseed
- A shallow tray or box
- Ribbon



## Instructions

1. Spread peanut butter all over the outside of the tube using a dull knife.
2. Pour a thin layer of birdseed into a tray or box. Roll the tube in the seed so that it sticks to the peanut butter.
3. Thread the ribbon through the tube and tie the ends in a knot.
4. Hang the feeder outside in a tree or bush. Make sure that it is well out of the reach of cats!

## Hints and Tips

- Use a brightly coloured ribbon to attract the birds.
- Enjoy watching the birds come into your garden. See how many different birds you can spot. You can use the [Garden Bird Checklist](#) to help you to identify the birds you see.

\* If you do not want to use peanut butter, lard or vegetable shortening work just as well instead.

# Garden Birds Sighting Checklist

<b>Bird</b>	<b>Sighted</b> Have you seen this bird? Tick the box for yes or leave it blank for no.	<b>Where?</b> Where have you seen this bird?
 Robin		
 Magpie		
 Sparrow		
 Blackbird		
 Blue tit		
 Goldfinch		

# Winter

b a w f s a s v w b t e  
i e m s a j n e h p w c  
w f u n g d o u h e e o  
y q u o r g w a e h u l  
t p h w h a m i y g i d  
c g n j i s a i e l j f  
i c i c l e n k y o r l  
y t s y c d m j p v e w  
m s n o w f l a k e k i  
u w o f d k o n k s f c  
e n c j w i n t e r a e  
i m t e n a m e l j k u

cold  
snow  
ice  
winter



snowflake  
snowman  
gloves  
icicle





