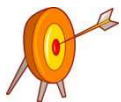


MATHS SUPPORT: YEAR 1 (5-6 yrs old) WEEK 2 ACTIVITIES

Brainy Targets



This week we are aiming to:



1. Revise counting one set and counting two sets of objects



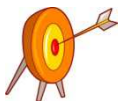
2. Read and write the number 13 and count up to 13



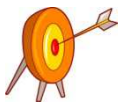
3. Find 'one less' and 'one more' for numbers over 10.



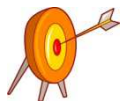
4. Order 4 small numbers



5. Use the addition sign and add by 'counting on'.



6. Subtraction as 'How many are left?'



7. Challenge: estimate small numbers

The activities that follow are just a small sample of the wide selection we have available. If you feel more practice is needed there are many more similar pages in the Resource Browser under:

Year 1: Counting

Year 1: Reading and writing numbers

Year 1: More than or less than

Year 1: Addition

Year 1: Subtraction

MATHS SUPPORT: YEAR 1 (5-6 yrs old) WEEK 2 ACTIVITIES

BRAIN BUILDING ACTIVITIES

This week try to play these games with your children, at least once or twice each. The more the better. Details on how to do this follow this page.



1. Coins
2. Which tower is taller?

BRAIN TRAINING MENTAL ACTIVITIES

Try asking your children these sets of mental arithmetic questions during the week.



- Set 1 and 2: More or less
- Set 3 and 4: Addition and subtraction

BRAIN TRAINING PRINTOUTS

Settle down in a quiet corner with pencils and paper to have a go at these printouts:



1. Match sets of the same number of fruit count two sets up to ten (aircraft)
2. Count two sets up to ten (aircraft)
3. One less/one more (dinosaurs)
4. Order 4 small numbers
5. Read and write the number 13
6. Count on to 13
7. Use the addition sign and add by counting on (farm)
8. How many are left? (Queuing and footballs)
9. Challenge: estimate small numbers

BRAIN BUILDING ACTIVITIES: WEEK 2

Coins

You need two plates or bowls (plastic is better). A collection of 1p coins (up to 12).

Place some coins on each plate. Count them together.

Ask questions such as:

How many coins on this plate?

Which plate has more coins?

How many more does it have?

If I put one more coin on the plate how many would there be?

Extend this by having a mixture of different coins but still count the coins (not their value.)



Taller tower

You need about 20 bricks, multilink or lego pieces.

Build a tower each, but not the same size.

Ask questions such as:

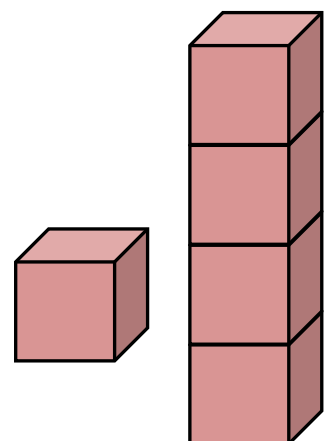
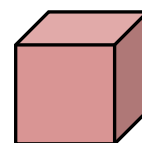
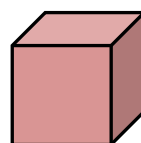
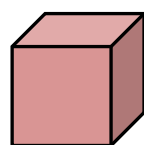
Which tower is taller? How many bricks in the taller tower?

How many bricks has the short tower?

Can I take some from the taller tower to make both the same height?

Take one brick off a tower at a time and count down.

Build up again two at a time, counting on in twos.





BRAIN TRAINING MENTAL ACTIVITIES: WEEK 2

Set 1:

1. On fingers show me one more than 8.
2. On fingers show me 1 less than 5.
3. What is one more than 7?
4. What is one less than 6?
5. Add one more to 9.
6. Make 6 one less.
7. What number is two more than 10?
8. What number is two less than 11?
9. How many more is 13 than 11?
10. How many less than 10 is 7?

Set 2:

1. On fingers show me one more than 7.
2. On fingers show me 1 less than 8.
3. What is one more than 9?
4. What is one less than 11?
5. Add one more to 10.
6. Make 12 one less.
7. What number is two more than 11?
8. What number is two less than 12?
9. How many more is 13 than 10?
10. How many less than 10 is 8?

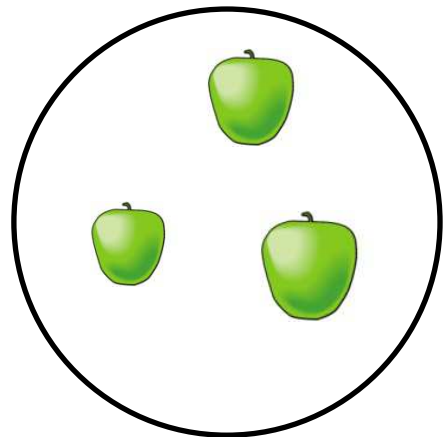
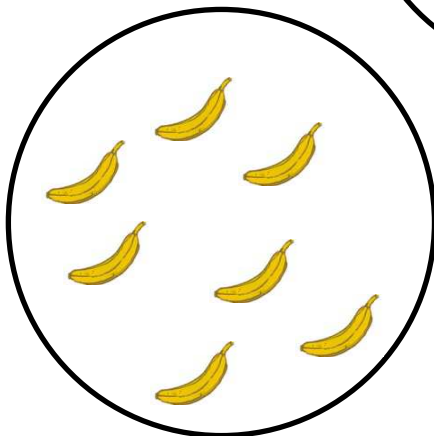
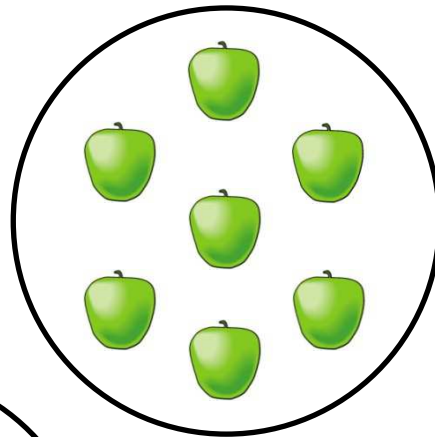
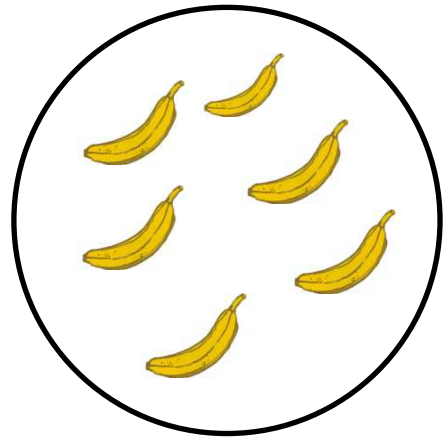
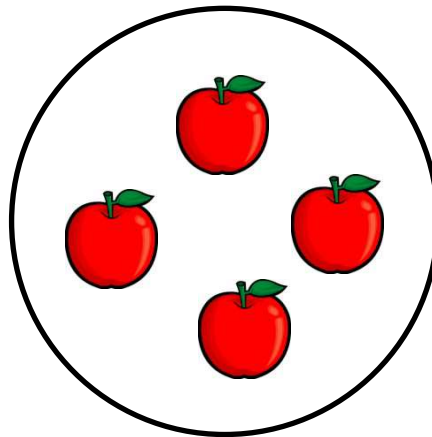
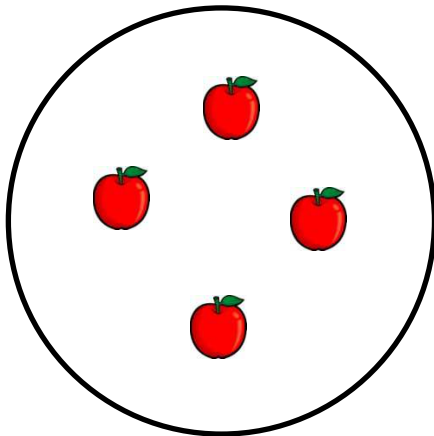
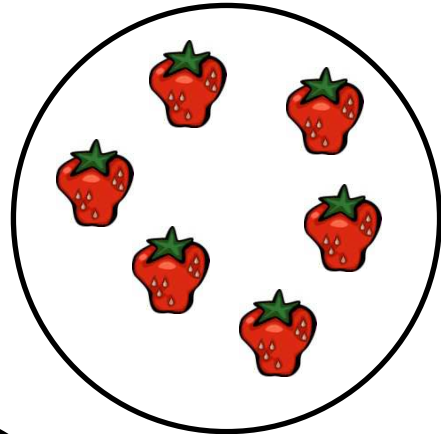
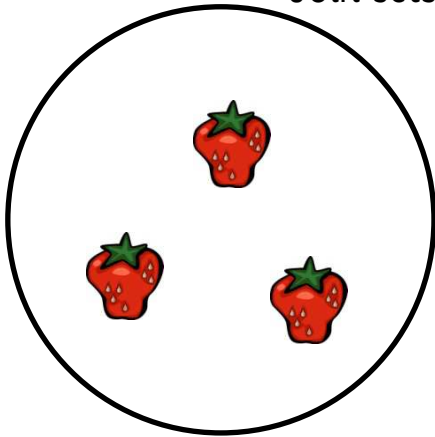
Set 3:

1. What is 8 add 2?
2. What is 7 take away 2?
3. Add 2 to 10.
4. What is two less than 10?
5. 8 plus 2.
6. Take 2 away from 8.
7. What is the total of 3 and 5?
8. Subtract 2 from 11.
9. Count on 3 from 8.
10. Count back 3 from 10.

Set 4:

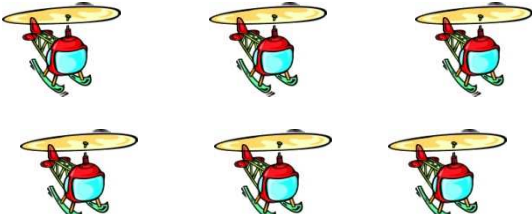
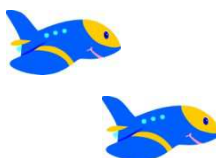
1. What is 6 add 2?
2. What is 9 take away 2?
3. Add 2 to 7.
4. What is two less than 12?
5. 7 plus 3.
6. Take 2 away from 9.
7. What is the total of 4 and 6?
8. Subtract 2 from 10.
9. Count on 3 from 9.
10. Count back 3 from 11.

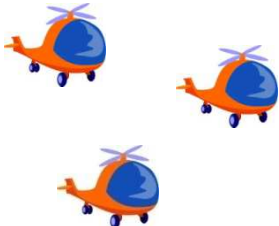
Join sets with the same number of fruits.

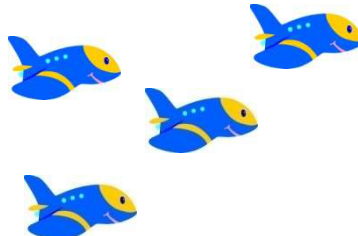
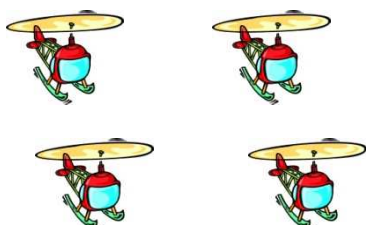


How many planes and helicopters altogether?

1.  and 

2.  and 

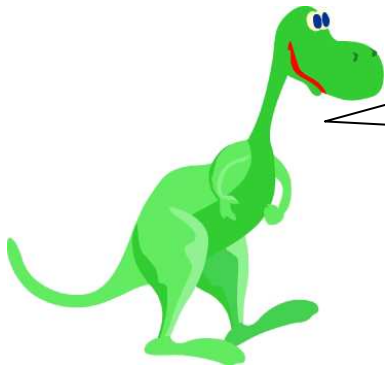
3.  and 

4.  and 

5.  and 

0 1 2 3 4 5 6 7 8 9

Lots more practice sheets in the resource browser under Year 1 Counting.

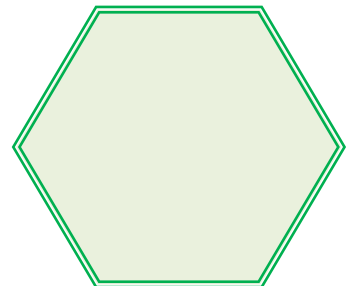
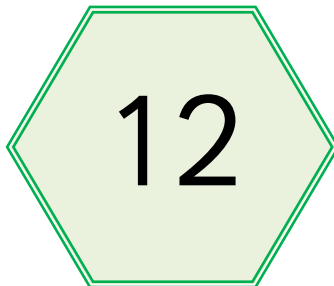
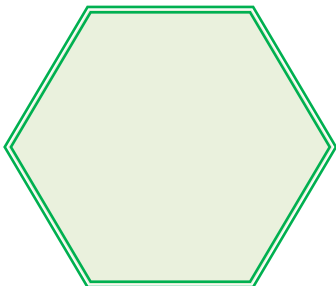
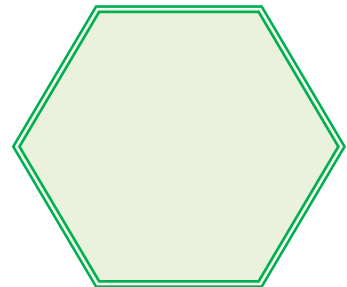
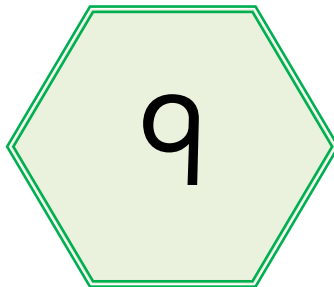
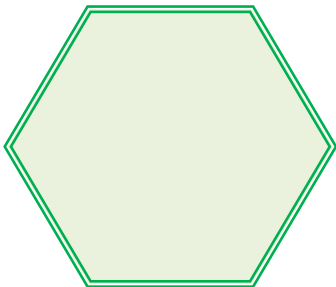
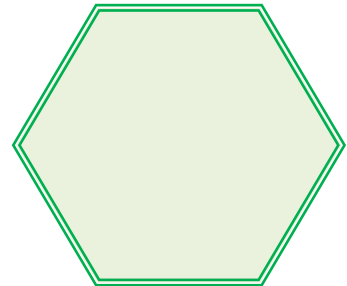
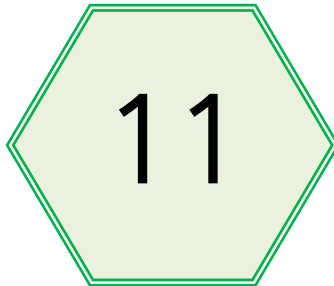
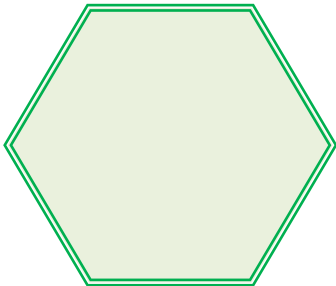


Write the numbers one less and one more than these numbers.

One less



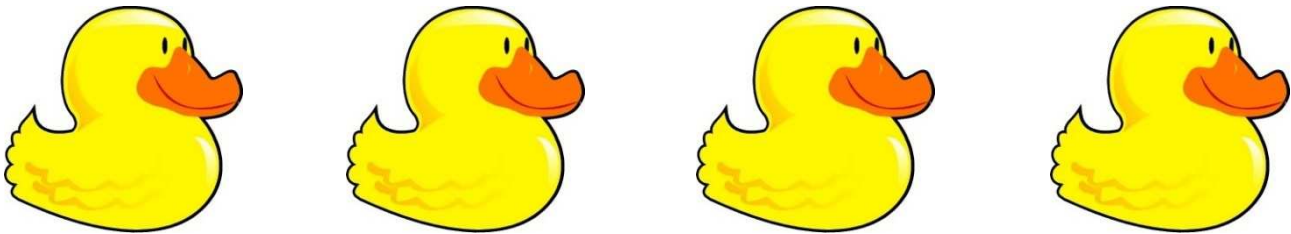
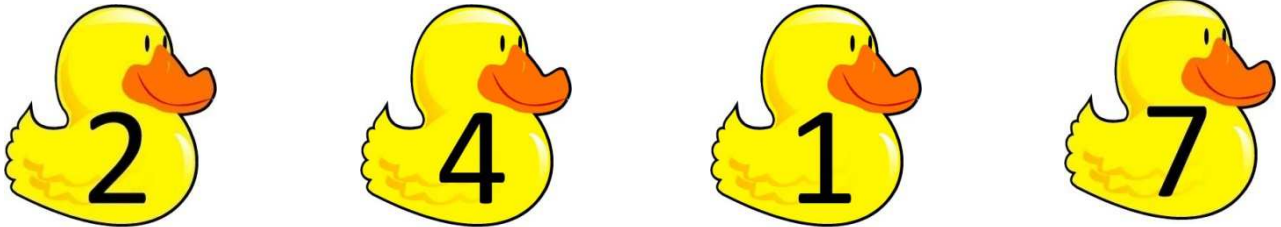
One more



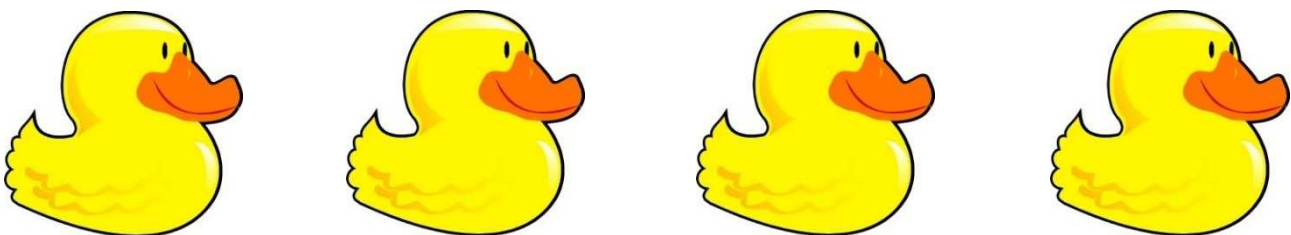
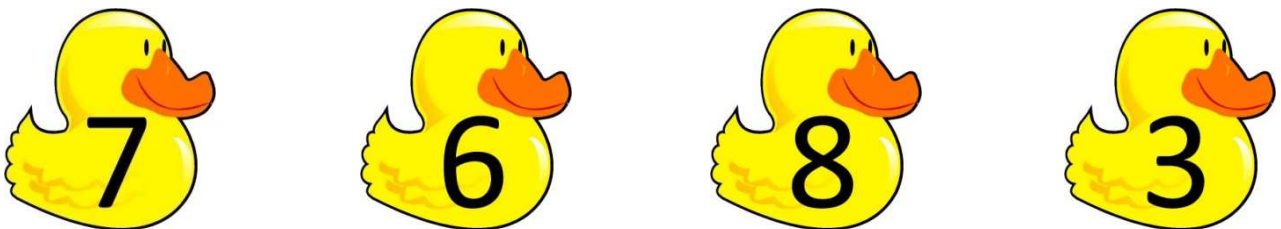
Lots more practice sheets in the resource browser under Year 1: More than/less

Ordering numbers

Write the numbers on the ducks in order, starting with the smallest, from left to right.

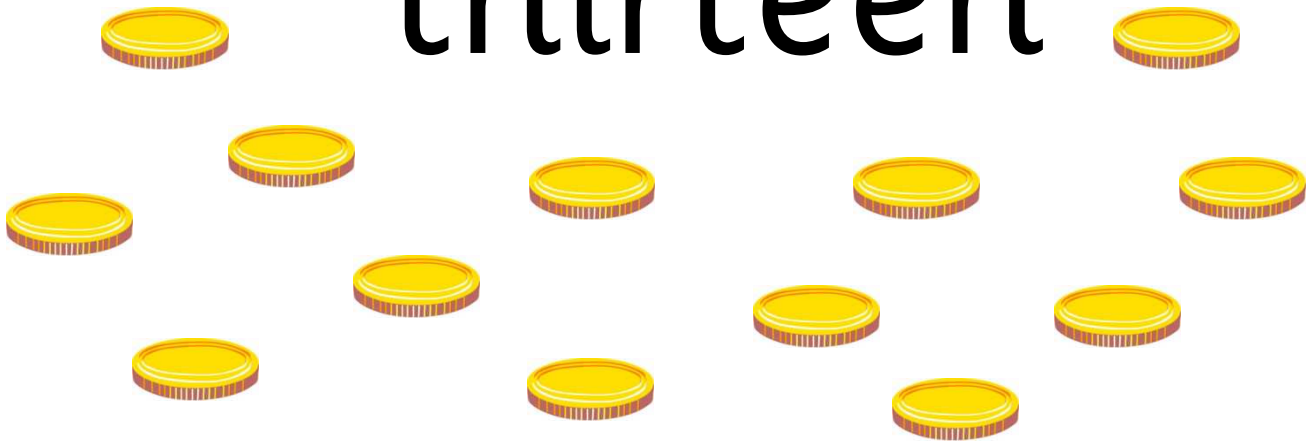


Write the numbers on the ducks in order, starting with the smallest.

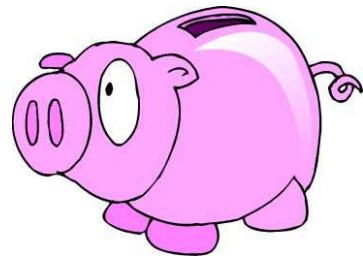


Lots more practice sheets in the resource browser under Year 1: Ordering numbers.

thirteen



Draw thirteen coins to go in the piggy bank.



Trace over the number thirteen.

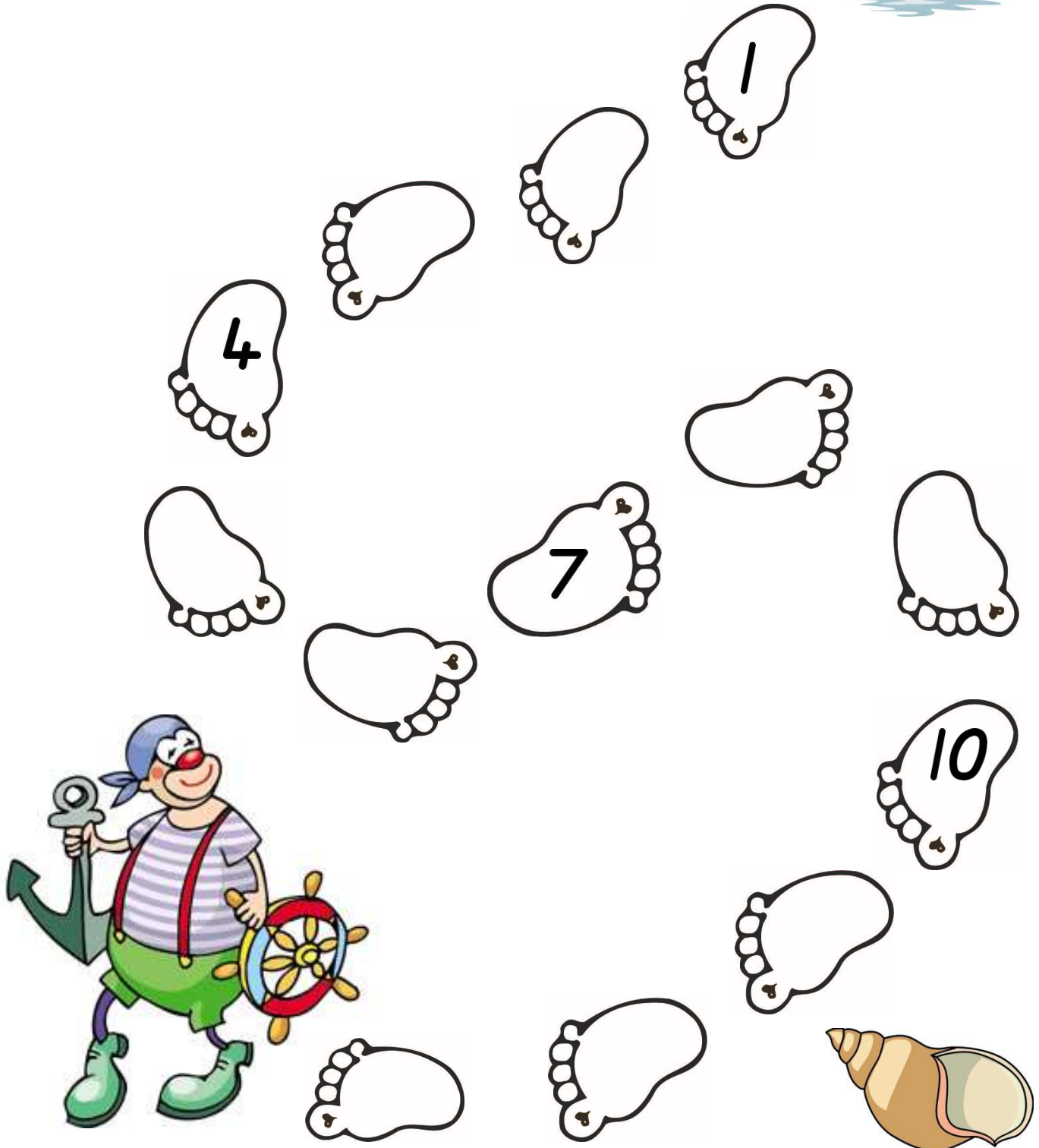
13 13 13 13

Lots more practice sheets in the resource browser under Year 1: Reading and writing numbers.



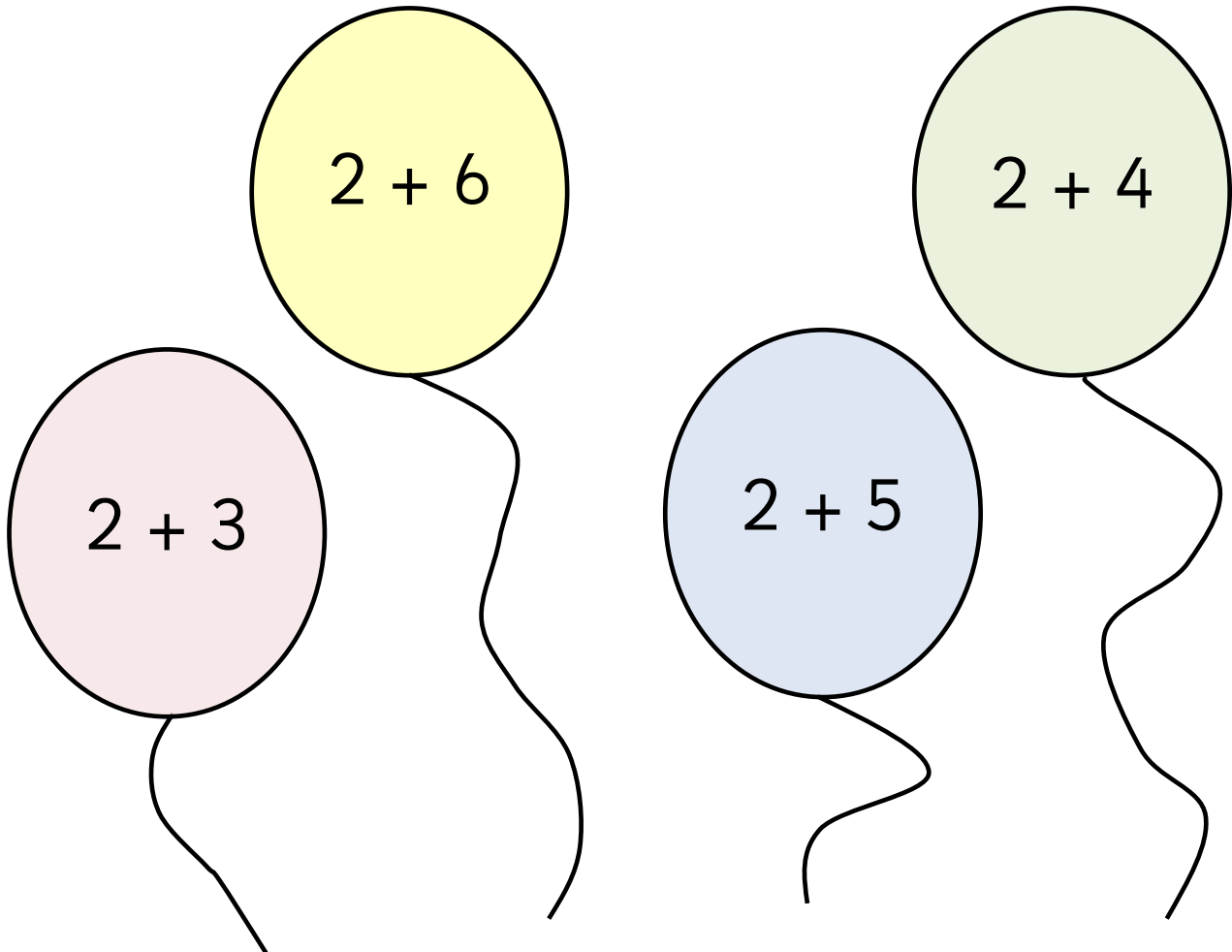
Fill in the missing numbers on
the footprints left by the pirate.

Draw the treasure.



The page features a trail of footprints leading from the pirate ship towards the bottom left. There are 14 footprints in total. Four of them contain numbers: 1, 4, 7, and 10. The pirate character is at the end of the trail, and a treasure shell is at the start of the trail.

Join the balloon string to the gorilla with the correct answer.



5



6

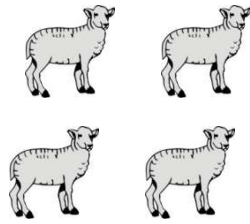
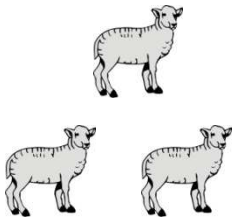


7

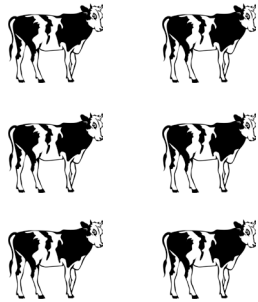
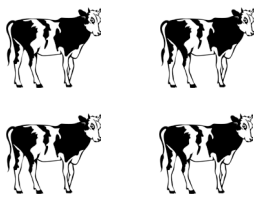


8

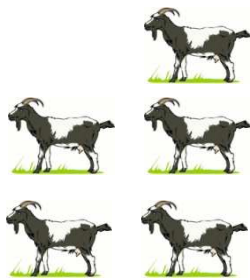
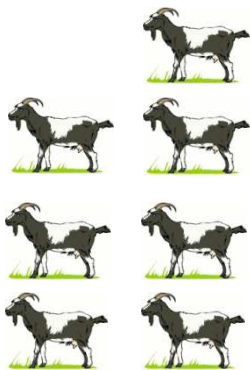
Adding by counting on



3 sheep and 4 sheep make sheep.

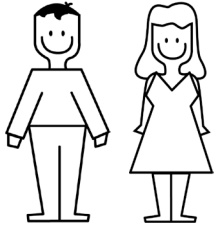


4 cows and 6 cows make cows.



7 goats and 5 goats make goats.

How many are left in the queue?



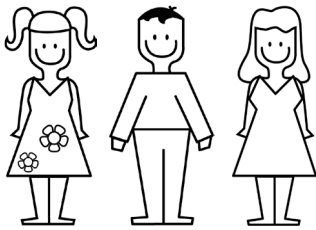
2 children.



1 gets on the ride.

How many are left?

$$2 - 1 =$$



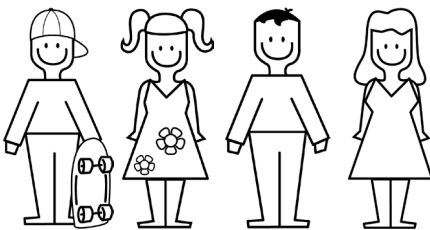
3 children.



2 get on the ride.

How many are left?

$$3 - 2 =$$



4 children.



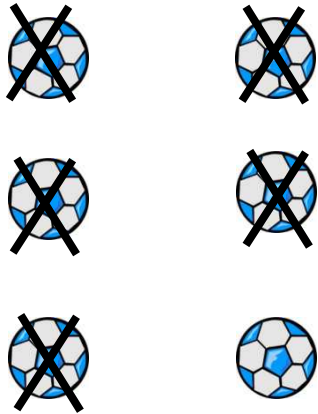
3 get on the ride.

How many are left?

$$4 - 3 =$$

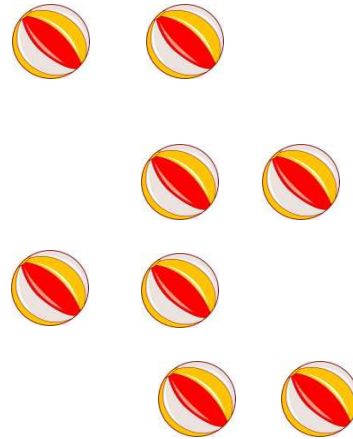


Cross out 5 balls from each set. How many are left?

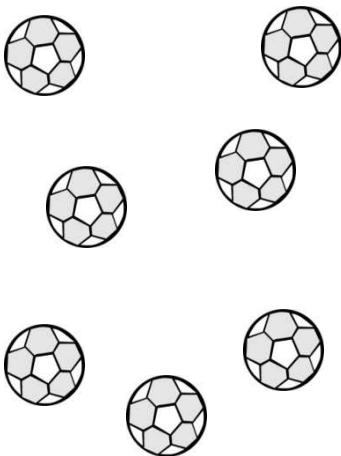


1

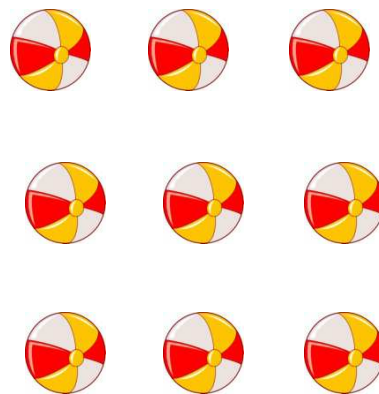
left.



left.



left.



left.



Challenge: Estimating



Estimating is a very important aspect of maths. Even at the earliest age it is important that children get 'a feel' for number and can make good estimates. Remember though, an estimate does not have to match the number exactly to be a good guess.

Place up to 12 coins, pens, pencils or other small items on a tray.

Show them to your child and let them look for a few seconds (but not long enough to count) then hide them by covering with a cloth.

Your child has to estimate/guess how many items were on the tray and write the estimate down on a piece of paper.

Once the estimate has been written down reveal the tray again and count them together.

If their estimate is within 2 either side of the actual amount they score a point. So, if the actual number of objects is 11 estimates of 9, 10, 11, 12 and 13 would all gain a point.

(Do not give extra points for exact guesses as this leads children into thinking they have to get it exactly right.)

This can be played with groups of children, split into two teams and those with an estimate two either side score one point each. The first team to 10 points wins.

You can also use the following pages as resources for estimating numbers.

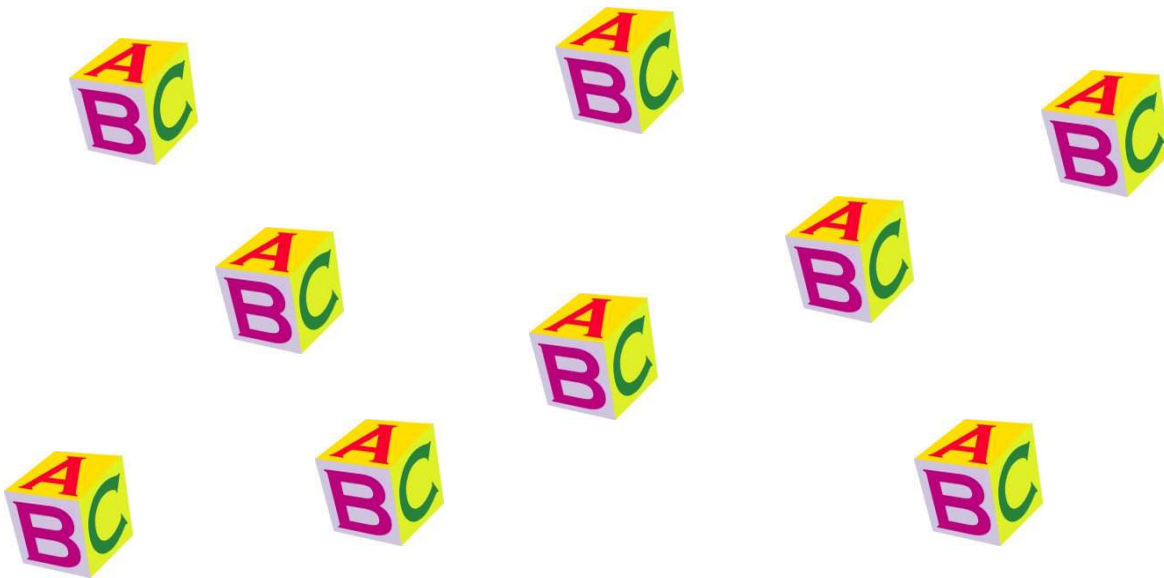


Challenge: Estimating



Guess how many cubes there are on the page?

1. Guess how many cubes there are on this page.
2. Place a real cube over the top of each one and count up in ones.
3. What is the correct total?
4. Was your guess a good one?
5. Take the cubes off one at a time and count down.

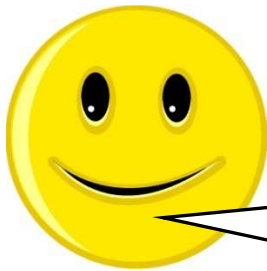


Guess

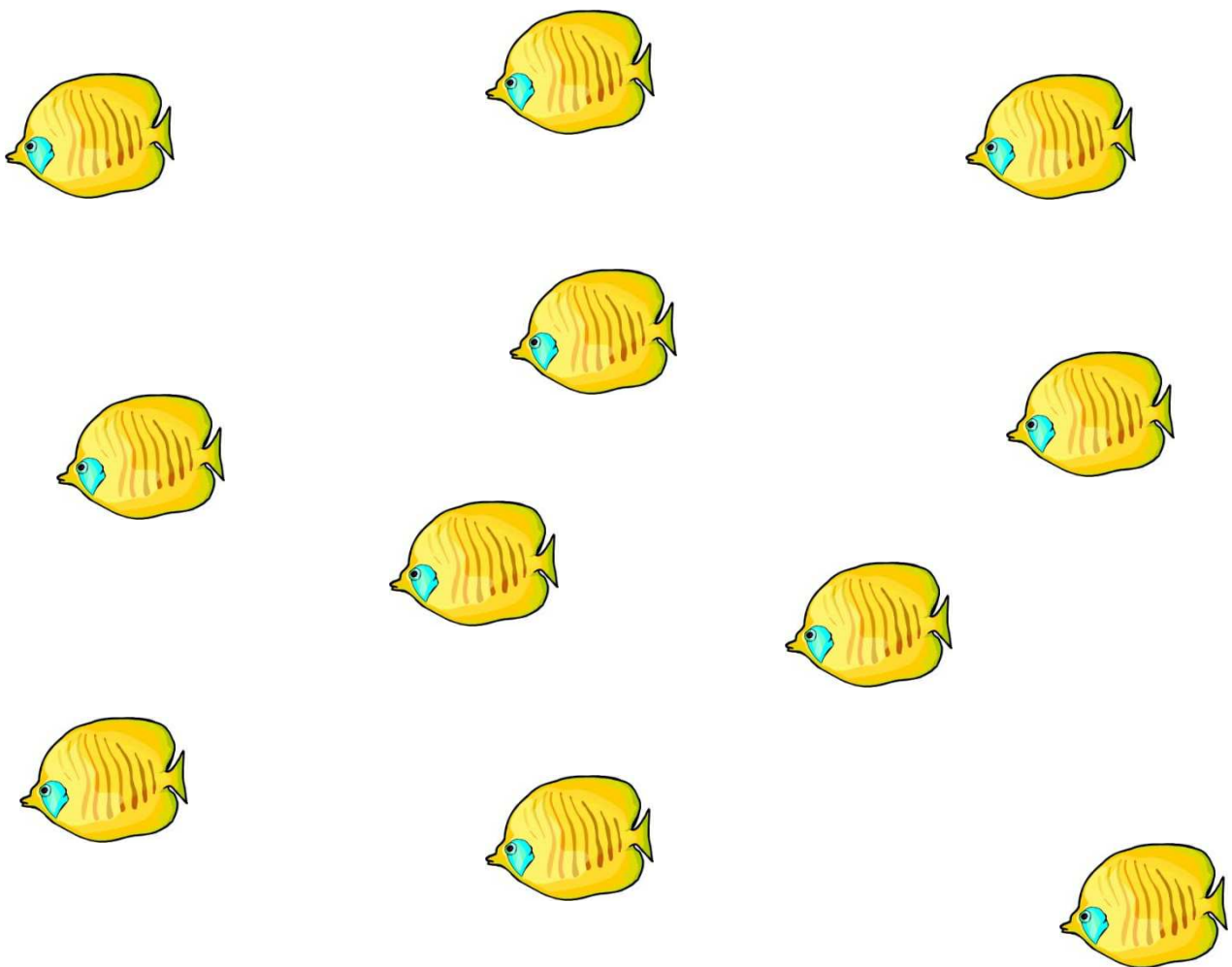
Count



Challenge: Estimating



Guess how many fish there are on the page?



Guess

Count



Answers

Brain training Mental Activities

Set 1:

1. 9 fingers	2. 4 fingers	3. 8	4. 5	5. 10
6. 5	7. 12	8. 9	9. 2	10. 3

Set 2:

1. 8 fingers	2. 7 fingers	3. 10	4. 10	5. 11
6. 11	7. 13	8. 10	9. 3	10. 2

Set 3:

1. 10	2. 5	3. 12	4. 8	5. 10
6. 6	7. 8	8. 9	9. 11	10. 7

Set 4:

1. 8	2. 7	3. 9	4. 10	5. 10
6. 7	7. 10	8. 8	9. 12	10. 8

Worksheets

Page 6: Planes and helicopters

1. 6 2. 8 3. 7 4. 8 5. 7

Page 7: One less one more

10 11 12 8 9 10 11 12 13

Page 8 Ducks

1 2 4 7 3 6 7 8

Page 12: Farm

1. 7 2. 10 3. 12

Page 14: Balls

3 2 4

Page 15: Cakes

5 and 1, 2 and 4, 3 and 3, or reverse.