Maths - Primary

Stonewall's home learning packs can be used by parents or carers looking to support their child's learning or by education staff looking to send work home for their students. There is a primary, secondary and SEND version of each pack, with a list of suggested activities and supporting materials for you to pick and choose from. This maths pack features a range of worksheets and questions for your child to work on.

This pack is for Reception and Key Stage 1 children.

Who are Stonewall?

This resource is produced by Stonewall, a UK-based charity that stands for the freedom, equity and potential of all lesbian, gay, bi, trans, queer, questioning and ace (LGBTQ+) people. At Stonewall, we imagine a world where LGBTQ+ people everywhere can live our lives to the full. Founded in London in 1989, we now work in each nation of the UK and have established partnerships across the globe. Over the last three decades, we have created transformative change in the lives of LGBTQ+ people in the UK, helping win equal rights around marriage, having children and inclusive education.

Our campaigns drive positive change for our communities, and our sustained change and empowerment programmes ensure that LGBTQ+ people can thrive throughout our lives. We make sure that the world hears and learns from our communities, and our work is grounded in evidence and expertise.

Stonewall is proud to provide information, support and guidance on LGBTQ+ inclusion; working towards a world where we're all free to be. This does not constitute legal advice, and is not intended to be a substitute for legal counsel on any subject matter. To find out more about our work, visit us at www.stonewall.org.uk.

Join our Education & Youth programmes

Our experienced team are proud to have supported many primary and secondary schools, colleges, Local Authorities and Multi Academy Trusts to challenge bullying and celebrate diversity.

We offer:

- Online training for education staff
- An awards scheme
- Membership programmes
- Consultancy
- A wide range of resources

To find out how your school, college or setting can benefit from working with Stonewall, visit www.stonewall.org.uk/schools-colleges.

Home Learning Pack: Maths

Choose the right activity for your child:

 a simpler version of the activity

 the version of the activity that most children will use

 a trickier version of the activity

Remember that counters, coins or even pieces of pasta can help your child with their maths. They might also want to make or print out a number line or a 100 square. Sometimes children find word problems tricky, it might help your child to talk each question through with you or draw pictures to help their understanding.

If your child finds reading difficult, it can be helpful to record yourself reading out each question on your phone or device so that they can skip through and listen to each recording as they move from one question to the next.

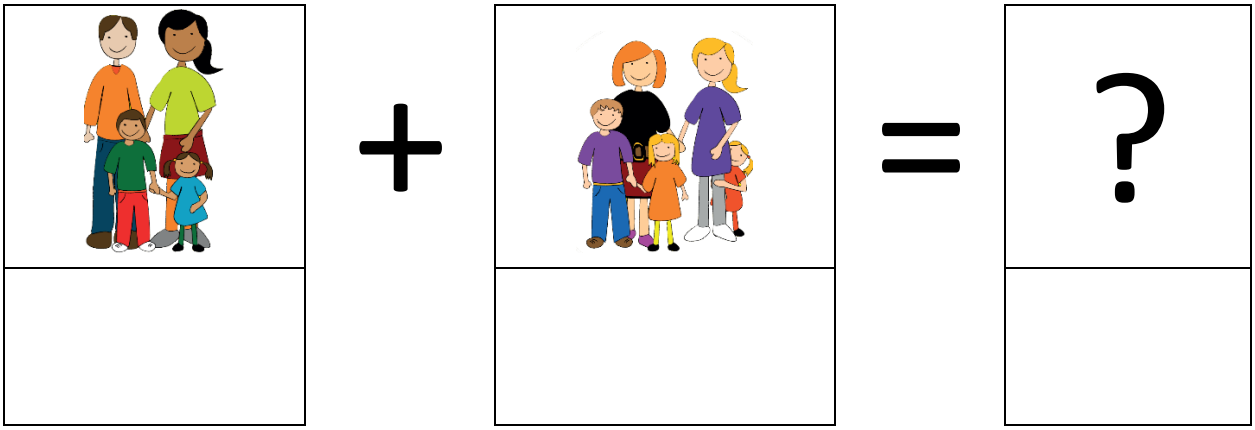
Resources for Reception children

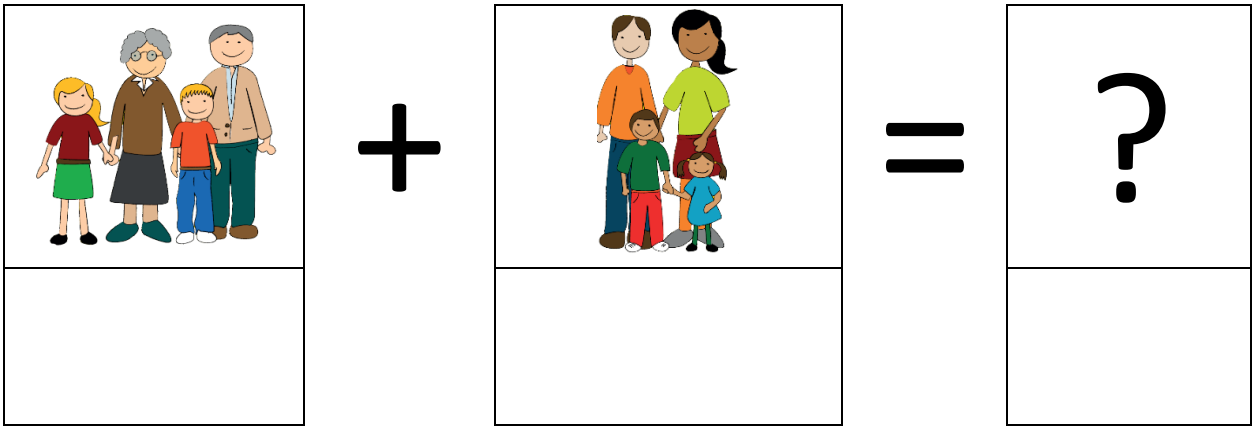
Families Maths

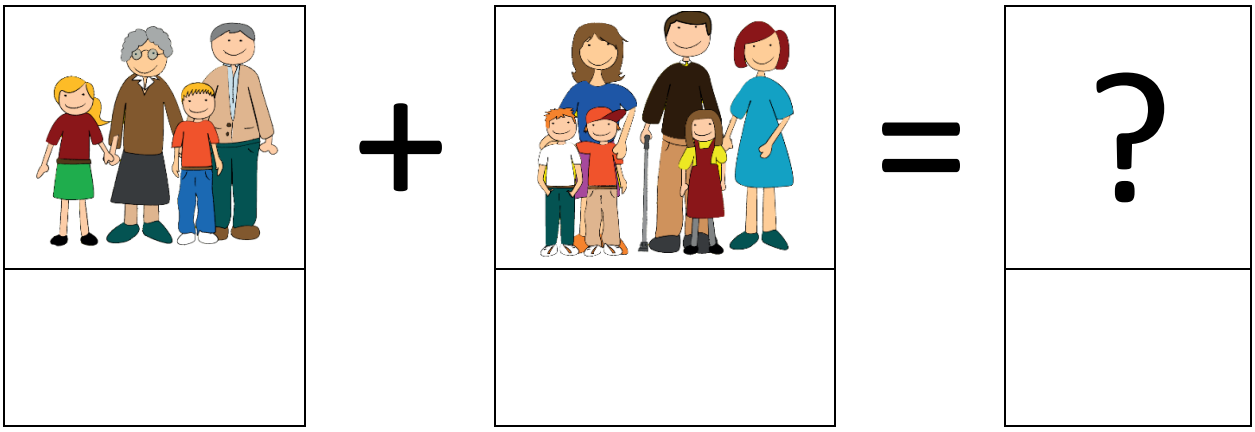
How many people can you see in each picture?

How many people altogether?

	+		=	?
3		3		6
	+		=	?







Families Maths

How many people can you see in the first picture?

How many people do we need to add to make 10? Draw the people in the boxes.



	+		=	
				10



	+		=	
				10

		+		=	
					10
		+		=	
					10
		+		=	
					10

Families Maths

How many people can you see in the first picture?

How many people do we need to add to make 10? Draw the people in the boxes.

		+		7	=		10
		+		5	=		10

		+		=
			6	10

		+		=
			8	10

		+		=
			9	10

Colour by numbers

Complete the number sentences to find out which colours to use on the picture.



1 + 0 = ____ green

1 + 1 = ____ black

1 + 2 = ____ pink

1 + 3 = ____ purple

1 + 4 = ____ yellow

1 + 5 = ____ blue

1 + 6 = ____ brown

1 + 7 = ____ grey

Colour by numbers

Complete the number sentences to find out which colours to use on the picture.



2 - 1 = ____ green

6 - 1 = ____ yellow

3 - 1 = ____ black

8 - 1 = ____ brown

5 - 1 = ____ purple

4 - 1 = ____ pink

7 - 1 = ____ blue

9 - 1 = ____ grey

Colour by numbers

Complete the number sentences to find out which colours to use on the picture.



2 - 1 = ____ green

9 - 6 = ____ blue

1 + 1 = ____ black

3 + 5 = ____ grey

8 - 4 = ____ purple

3 + 2 = ____ yellow

10 - 3 = ____ brown

7 - 4 = ____ pink

Resources for Year 1 children

Word problems

Use addition and subtraction to help you solve the word problems. Remember that you can use counters, pieces of pasta or a number line to help you.

1 Emily has 2 crayons. Serena has 8 crayons. How many crayons do they have altogether?

2 Ranj's mums gave him 10 sweets pocket money. He ate 7 sweets. How many sweets does Ranj have left?

3 Sophie has 4 gloves and her brother has 6. How many gloves have they got altogether?

4 Justin's dads buy a pack of 10 biscuits to share equally as a family of 5. How many biscuits does each person get?

6 Alex had £10 saved up. They got £5 for their birthday. How much money do they have now?

7 Choi went to the shop with £10 and came home with £5. How much did she spend?

8 Ibrahim has a packet of sweets to share fairly with his sister. There are 8 sweets in the packet. How many sweets will Ibrahim get?

9 Ben goes shopping with his mum and dad. They need to buy 5 apples. How much will they spend if apples cost 10p?

10 Safiya has 20 blocks. She builds a tower that is 15 blocks tall. How many blocks are left?

Word problems

Use addition, subtraction, multiplication and division to help you solve the word problems. Remember that you can use counters, pieces of pasta or a number line to help you.

1 Emily has 12 crayons. Serena has 8 crayons. How many crayons do they have altogether?

2 Ranj's mums gave him 20 sweets. He ate 15 of them. How many sweets does Ranj have left?

3 There are 3 people in Sophie's family and they each have 2 hats. How many hats do Sophie's family have?

4 Justin's dads buy a pack of 25 biscuits to share equally as a family of 5. How many biscuits does each person get?

6 Alex had £20 saved up. They got £10 for their birthday. How much money do they have now?

7 Choi went to the shop with £20 and came home with £5. How much did she spend?

8 Ibrahim has a packet of sweets to share fairly with his sister. There are 18 sweets in the packet. How many sweets will Ibrahim get?

9 Ben goes shopping with his mum and dad. They need to buy 5 apples. How much will they spend if apples cost 9p?

10 Safiya has 20 blocks. She wants to build 2 towers that are both the same height. How many blocks can she use for each tower?

Word problems

Use addition, subtraction, multiplication and division to help you solve the word problems. Remember that you can use counters, pieces of pasta or a number line to help you.

1 Emily has 15 crayons. Serena has 28 crayons. How many crayons do they have altogether?

2 Ranj's mums gave him 50p pocket money. He spent 12p on sweets. How much money does Ranj have left?

3 There are 6 people in Sophie's family and they each have a pair of gloves. How many gloves do Sophie's family have?

4 Justin's dads buy a pack of 12 biscuits to share equally as a family of 3. How many biscuits does each person get?

6 Alex got £10 for their birthday. They now have £47. How much money did they have to start with?

7 Choi went to the shop with £11 and came home with £5. How much did she spend?

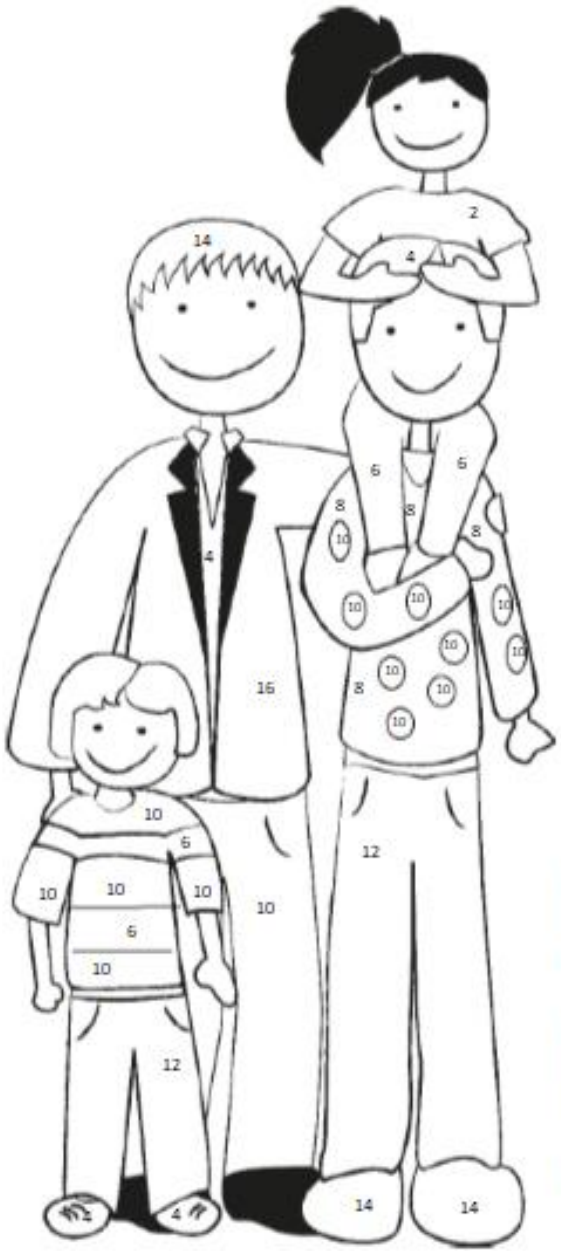
8 Ibrahim has a packet of sweets to share fairly with his brother and sister. There are 18 sweets in the packet. How many sweets will Ibrahim get?

9 Ben goes shopping with his mum and dad. They need to buy 3 apples. How much will they spend if apples cost 9p?

10 Safiya has 21 blocks. She wants to build 3 towers that are all the same height. How many blocks can she use for each tower?

Colour by numbers

Use your times tables to help you find out which colours to use on the picture.



1 x 2 = ____ green

2 x 2= ____ blue

3 x 2 =____ black

4 x 2 = ____ grey

5 x 2 = ____ purple

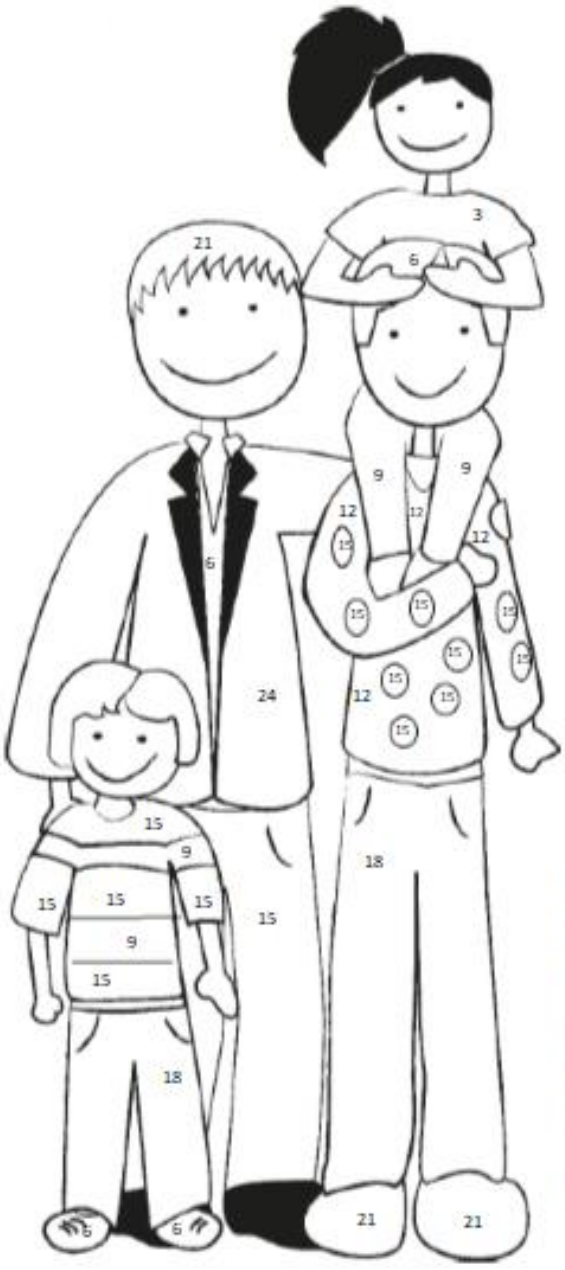
6 x 2 = ____ yellow

7 x 2 = ____ brown

8 x 2 =____ pink

Colour by numbers

Use your times tables to help you find out which colours to use on the picture.



1 x 3 = ____ green

2 x 3 = ____ blue

3 x 3 = ____ black

4 x 3 = ____ grey

5 x 3 = ____ purple

6 x 3 = ____ yellow

7 x 3 = ____ brown

8 x 3 = ____ pink

Resources for Year 2 children

Word problems

Use addition, subtraction, multiplication and division to help you solve the word problems. Remember that you can use counters, pieces of pasta or a number line to help you.

1 Emily has 12 crayons. Serena has 8 crayons. How many crayons do they have altogether?

2 Ranj's mums gave him 50p pocket money. He spent 10p on sweets. How much money does Ranj have left?

3 There are 3 people in Sophie's family and they each have a pair of gloves. How many gloves do Sophie's family have?

4 Justin's dads buy a pack of 9 biscuits to share equally as a family of 3. How many biscuits does each person get?

6 Alex had £25 saved up. They got £10 for their birthday. How much money do they have now?

7 Choi went to the shop with £8 and came home with £5. How much did she spend?

8 Ibrahim has a packet of sweets to share fairly with his sister. There are 18 sweets in the packet. How many sweets will Ibrahim get?

9 Ben goes shopping with his mum and dad. They need to buy 5 apples. How much will they spend if apples cost 9p?

10 Safiya has 20 blocks. She wants to build 2 towers that are both the same height. How many blocks can she use for each tower?

Word problems

Use addition, subtraction, multiplication and division to help you solve the word problems. Remember that you can use counters, pieces of pasta or a number line to help you.

1 Emily has 15 crayons. Serena has 28 crayons. How many crayons do they have altogether?

2 Ranj's mums gave him 50p pocket money. He spent 12p on sweets. How much money does Ranj have left?

3 There are 6 people in Sophie's family and they each have a pair of gloves. How many gloves do Sophie's family have?

4 Justin's dads buy a pack of 12 biscuits to share equally as a family of 3. How many biscuits does each person get?

6 Alex got £10 for their birthday. They now have £47. How much money did they have to start with?

7 Choi went to the shop with £11 and came home with £5. How much did she spend?

8 Ibrahim has a packet of sweets to share fairly with his brother and sister. There are 18 sweets in the packet. How many sweets will Ibrahim get?

9 Ben goes shopping with his mum and dad. They need to buy 3 apples. How much will they spend if apples cost 9p?

10 Safiya has 21 blocks. She wants to build 3 towers that are all the same height. How many blocks can she use for each tower?

Word problems

Use addition, subtraction, multiplication and division to help you solve the word problems. Remember that you can use counters, pieces of pasta or a number line to help you.

1 Emily has 35 crayons. Serena has 28 crayons. How many crayons do they have altogether?

2 Ranj's mums gave him 75p pocket money. He spent 12p on sweets. How much money does Ranj have left?

3 There are 6 people in Sophie's family and they each have two pairs of gloves. How many gloves do Sophie's family have?

4 Justin's dads buy a pack of 12 biscuits to share equally as a family of 4. How many biscuits does each person get?

6 Alex got £15 for their birthday. They now have £47. How much money did they have to start with?

7 Choi went to the shop with £11 and came home with £4. How much did she spend?

8 Ibrahim has a packet of sweets to share fairly with his sister. There are 19 sweets in the packet. How many sweets will Ibrahim get? Might there be any problems?

9 Ben goes shopping with his mum and dad. They need to buy 4 apples. How much will they spend if apples cost 6p?

10 Safiya has 28 blocks. She wants to build 4 towers that are all the same height. How many blocks can she use for each tower?

How many cakes?

Anna and Samina are getting married and 22 people are coming to help them celebrate (so there will be 24 people at their party). Samina's dad is making the wedding cakes.

He can make:

Large cakes – which can feed 5 people

Medium cakes – which can feed 3 people

Small cakes – which can feed 2 people

What possible combinations of cake could Samina's dad make so that everybody gets a piece?

For example, he could make 4 large cakes and 2 small cakes.

How many cakes?

Anna and Samina are getting married and 22 people are coming to help them celebrate (so there will be 24 people at their party). Samina's dad is making the wedding cakes.

He can make:

Large cakes – which can feed 4 people

Medium cakes – which can feed 3 people

Small cakes – which can feed 2 people

What possible combinations of cake could Samina's dad make so that everybody gets a piece?

For example, he could make 3 large cakes and 6 small cakes.

How many cakes?

Anna and Samina are getting married and 22 people are coming to help them celebrate (so there will be 24 people at their party). Samina's dad is making the wedding cakes.

He can make:

Large cakes – which can feed 6 people

Medium cakes – which can feed 4 people

Small cakes – which can feed 3 people

What possible combinations of cake could Samina's dad make so that everybody gets a piece?

For example, he could make 2 large cakes and 4 small cakes.