



Year 1

Maths Busy Book

Name: _____

Year 1 Maths Activity Mat

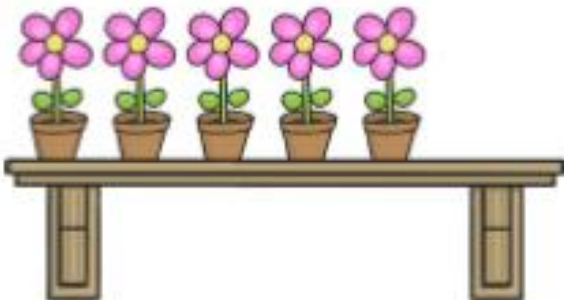
Section 1

What's next?

2	4	6	8			
---	---	---	---	--	--	--

Section 2

Add 1 more flower.



There would be flowers altogether

Section 3

What's the missing number?

$$8 - \boxed{} = 6$$



Section 4

Which line is the longest?



Section 5

If Lisa has 4 apples and she shares them equally with Sarah, how many apples will they have each?



Section 6

Colour half of these shapes.



Section 7

Circle the odd numbers:

2 8 3
 7 1 6

Section 8

Fill in the missing boxes:

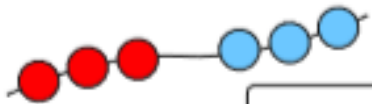
$$2 + \boxed{} = 10$$

$$6 + \boxed{} = 10$$

Year 1 Maths Activity Mat

Section 1

Write a number sentence to show how many beads there are altogether.



Section 2

Draw and colour the next 2 cars in the pattern.



Section 3

If today is Monday, what is it tomorrow?

Put a circle around the correct day.

Tuesday Wednesday Sunday

Section 5

Draw lines to match the name and the shape.



cube

triangular
prism

Section 6

Which jug is full?
Tick the correct one.



Section 7

Make this clock show 4 o'clock.



Section 4

Imagine seeing 1 elephant at the zoo.

How many legs would you see?

Section 8

How much money is here?



Section 1

I have 2 pairs of shoes.

How many shoes is that altogether?



Section 4

I have 16p and I lose 5p.

How much money have I got left?



Section 7

What time is it?



5 o'clock

Half past 6

Half past 5

Section 2

Shep had 3 dog biscuits.

Rover had 4. How many more biscuits did Rover have?



Section 5

Cut the cake in half.



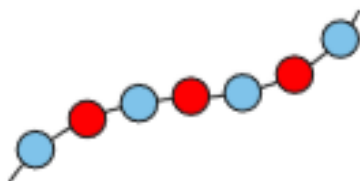
Section 6

What numbers are missing?

9	8	7	6			3		1
---	---	---	---	--	--	---	--	---

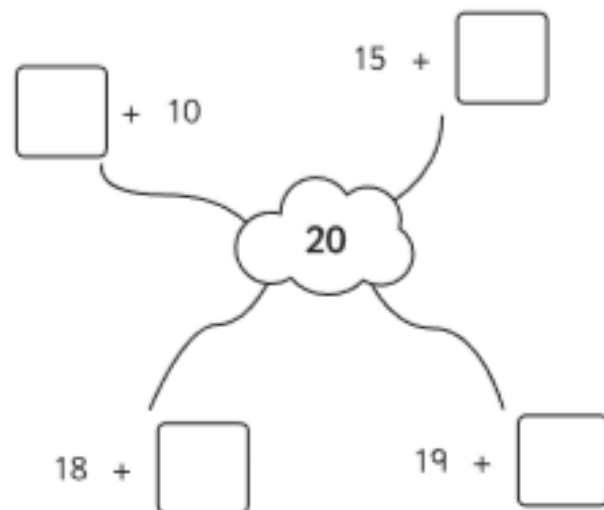
Section 3

Count the beads and write the number.



Section 8

Complete the number pairs:



Year 1 Maths Activity Mat

4

Section 1

There are 20 biscuits in a packet.

Grace eats 5.

Sara eats 6.

How many are left in the packet?



Section 2

Match the numbers with their names:

12 sixteen

15 eight

8 twelve

16 fifteen

Section 5

Draw the coins you need to make 14p.

Section 3

Which would weigh more? Circle the heaviest.



or



or



or



Section 4

20 → 10 less →

50 → 10 less →

80 → 10 less →

30 → 10 less →

Section 7

Draw a picture to show this:
 $1 + 9 = 10$

Section 6

Choose the correct symbol to complete the number sentence.

- × +

2 5 - 7

8 4 - 4

Section 8

It's Mickey's birthday tomorrow. Today is Saturday. What day is Mickey's birthday?

Section 1

Jed had 7 football stickers.

Jamie had double that.

How many stickers did Jamie have?



Section 2

I buy a packet of cakes for £2.

How much would 2 packets cost?



Section 3

Colour in the juice to show the jug is one quarter full.



Section 4

Share these bananas equally into 4 groups.



How many bananas in each group?

Section 5

How long is the pencil?



Section 6

How many lots of ten are there in 15?



Section 7

Maya is 7 years old.

Her sister is 4 years older.

How old is her sister?

Section 8

8 tomatoes were shared equally onto each slice.

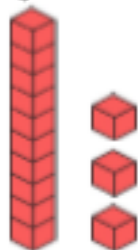
How many tomatoes were on each slice?



Year 1 Maths Activity Mat

Section 1

How many blocks are there?



Section 2



Can I buy the ice cream?

Section 3

What numbers come next?

5	10	15			
---	----	----	--	--	--

Section 6

Order these numbers from smallest to largest.

3 1 9 5

--	--	--	--

Section 4

How many wheels are there altogether?



Section 5

There are 2 paintbrush pots.

There are 10 brushes.

Share the brushes equally in to the pots.

How many brushes into each pot?



Section 7

Complete these statements:

6 is 1 more than

8 is 1 more than

Section 8

How many chocolate buttons are there altogether?

Write a number sentence to show this:



Year 1 Maths Activity Mat

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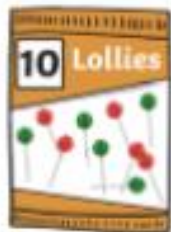
Section 1

Put in the missing numbers.

31		33		35		37		39
----	--	----	--	----	--	----	--	----

Section 2

How many lollies are there altogether?



Section 3

What's the missing number?

$$20 - \square = 17$$



Section 4

Which snake is the shortest?



Section 5

Two dogs have 8 biscuits altogether. They each had the same amount. How many biscuits did each dog have?



Section 6

Colour half of these shapes.



Section 7

Circle the even numbers.

32

51

37

48

66

Section 8

$$20 + \square = 29$$



$$15 + \square = 21$$



Section 1

Draw 4 more flowers. Fill in the boxes to show how many flowers there are altogether.



$$\square + \square = \square$$

Section 2

Draw and colour the next 5 beads in the pattern.



Section 3

What will it show in 2 days' time? Circle the correct date.



Sunday
June 11th

Monday
June 12th

Tuesday
June 13th

Section 4

You are at the zoo. You look into the giraffe area. You see 12 legs. How many giraffes are in there?

Section 5

How many of each shape are there?



triangular prism = sphere =

cuboid =

Section 6

Colour the jugs to make their labels correct.



full



half full

Section 7

Draw the hands on the clock to show quarter past 11.



Section 8

Draw the coins that I need to buy the toy.



Section 1

If these bananas come in bunches of 5, and there are 25 bananas altogether, how many bunches would there be?



Section 2



$$\square \times 2 = \square$$

Section 3

Count the beads and write the number.



Section 4

I lose 5p.

How much money have I got left?

Write this as a number sentence.



Section 5

Divide the pizzas into quarters.

If the slices are shared out equally between 4 people, how many quarters will each person have?



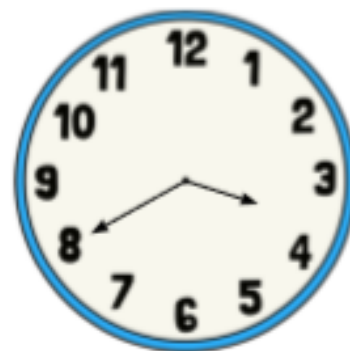
Section 6

Order these numbers correctly.



Section 7

What time is it? Circle the correct time.



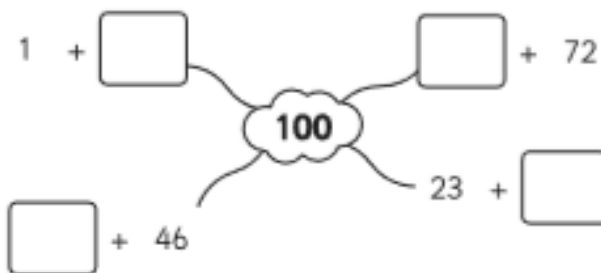
Half past 3

40 minutes past 3

Half past 8

Section 8

Write 4 pairs of numbers that make 100.



Year 1 Maths Activity Mat

Section 1

There are 22 cows in a field.

Seven cows leave the field.

How many are in the field now?



Section 3

Draw something that would weigh about the same as this.



Section 2

Match up the coins to the amounts.



22p



30p



15p

Section 4

100 → 10 less →

81 → 10 less →

74 → 10 less →

99 → 10 less →

Section 5

Draw the coins you need to make £1.99.

Section 6

32 people are on the bus.

10 get off.

4 more get on.

How many are on the bus now?



Section 7

Draw a picture to show this: $2 \times 9 = 18$

Section 8

18 children go to a party. There are only 14 party hats. How many more hats are needed?



Section 1

Double these numbers:

7 →

9 →

11 →

Section 2

Ben has 20 marbles. He loses 13. How many are left?



Section 4

Share these bananas equally into 4 groups.



How many are in each group?

Section 6

If I share the pencils into groups of 2. How many groups will there be?



Section 3

A glass of juice is poured out.

$\frac{1}{4}$ of the juice in the jug has gone.

How much is left?



Section 5

Write the answer to the sum on the calculator:



Section 7

Two years ago Tom was 11 years old. How old is he today?



Section 8

What time will it be in two hours? Draw the hands on the clock.



Section 1

Write the number in the box.



Section 2

Can I buy the sunglasses?



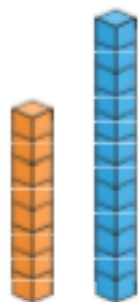
Section 3

What numbers come next?

84	82	80			
----	----	----	--	--	--

Section 4

How many cubes taller is the blue tower than the orange tower?



Section 5



4 lots of 5 fingers =

Section 6

Put these numbers on the number line.

23 30 25 21 27 29



Section 7

20 is 1 more than

17 is 1 more than

Section 8

Archie has eaten 2 sausages.

He has 3 left.

How many sausages did he have to start with?

Write a number sentence to show this.



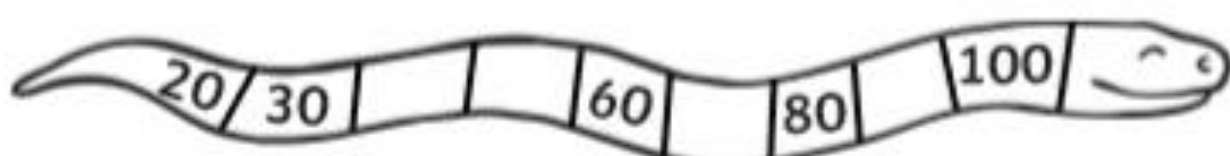
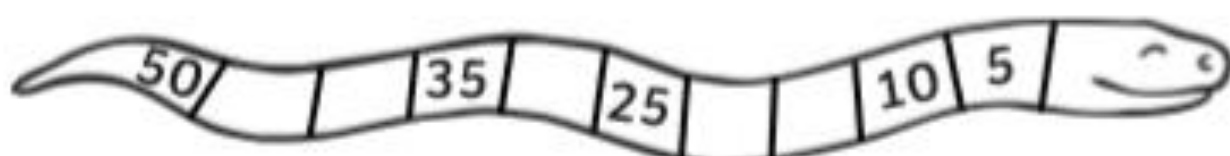
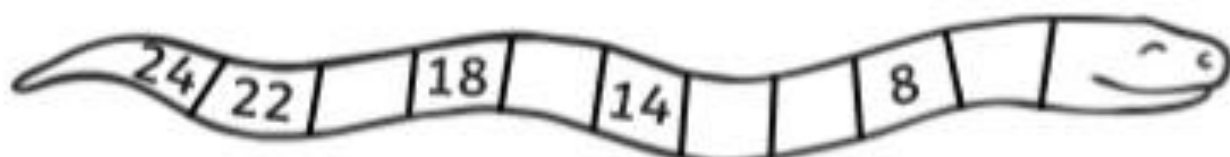
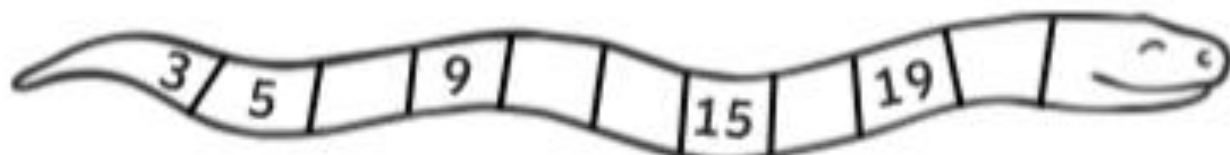
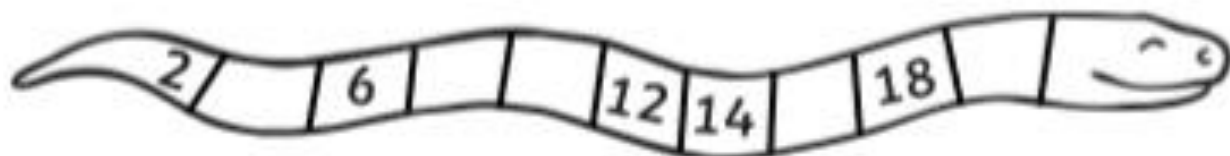
Number Card Challenge

Cut out these cards and shuffle them up. Place them face down. Take it in turns to choose a number from 0 to 100 (you could use 0 to 20 or 0 to 50 if you prefer). Take it in turns to pick a card from the pile and answer the question on the card about your number. If you get it right, you keep the question card. If you get it wrong, put the card at the bottom of the pile.

What is 3 more than your number?	Count on 10 from your number.	Which number comes after your number?
Count back 10 from your number.	Which number comes before your number?	Count on in 2s from your number.
Count from your number up to 100 (or 20 or 50).	Count back from your number to zero.	Is your number even or odd?

Missing Number Snakes

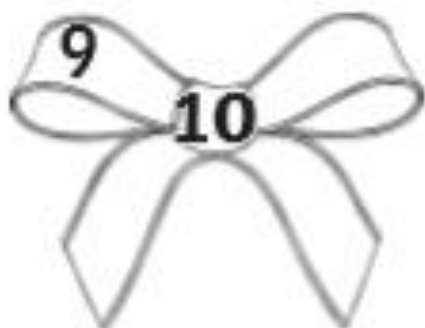
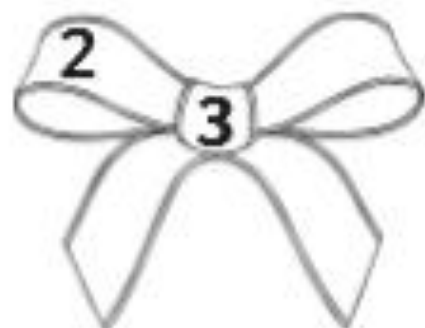
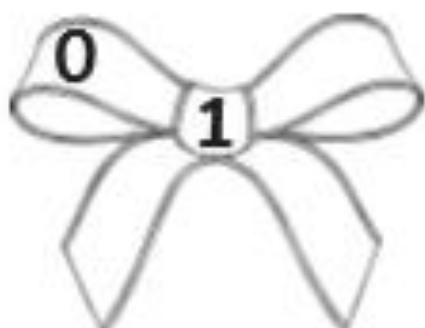
Fill in the missing numbers on the snakes. Be careful to check whether you are counting in 2s, 5s or 10s!



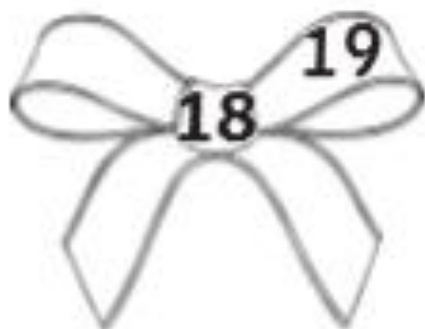
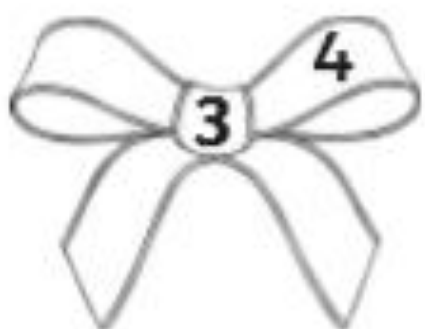
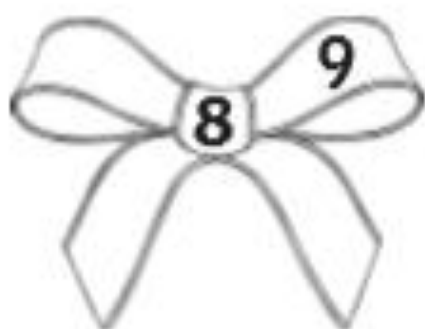
Number Bows - One More and One Less

Write the missing numbers on the bows.

Write one more.



Write one less.



Grab a Handful!

Fill a bag with beads, bricks, dried beans or other small items. The better you are at counting, the smaller the objects should be! Now take it in turns to 'grab a handful' and count them into a container. Write how many you have in your box. Whoever has more wins a counter. If you both have the same amount then you both win a counter. The winner is the person with the most counters after eight turns.

Challenge yourself by playing again, but this time the person with fewer objects wins a counter.

Tip: Encourage your child to count accurately by touching and/or moving each object and saying the number name as they do so. Help them to use the correct language of 'more', 'fewer', 'the same number' when comparing their number to yours.

My number								
My helper's number								

Your number								
Your helper's number								



Under the Sea

I Spy and Add to 20

Count the number of each type of sea creature on the following page. Then, write the numbers in the boxes to create and solve these addition number sentences.



+



=



+



=



+



=



+



=



+



=

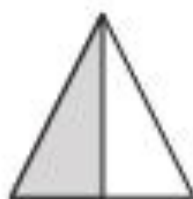
Under the Sea I Spy and Add to 20



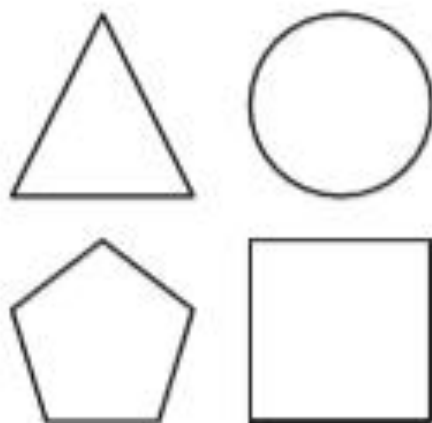
One Half

One half can be written $\frac{1}{2}$ or $\frac{2}{4}$ or $\frac{3}{6}$ or $\frac{4}{8}$

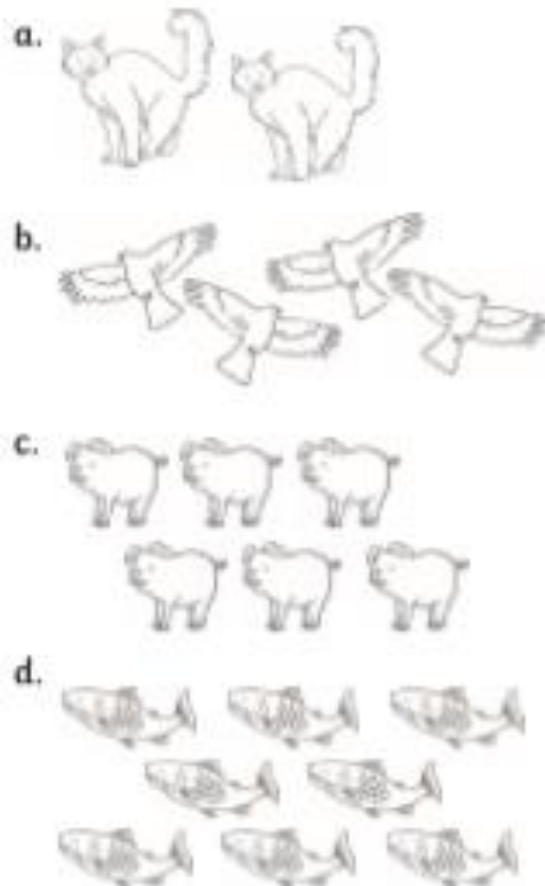
One half of each of these figures is shaded:



Colour one half of each of these shapes:



Colour one half of each of these groups of animals:



What number is half of 2? _____

What number is half of 4? _____

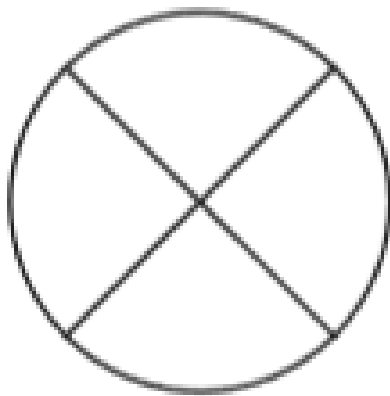
What number is half of 6? _____

What number is half of 8? _____

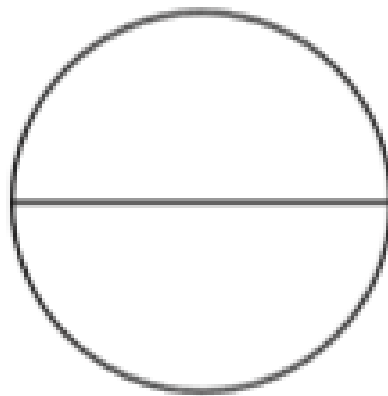
What number is half of 10? _____

What number is half of 20? _____

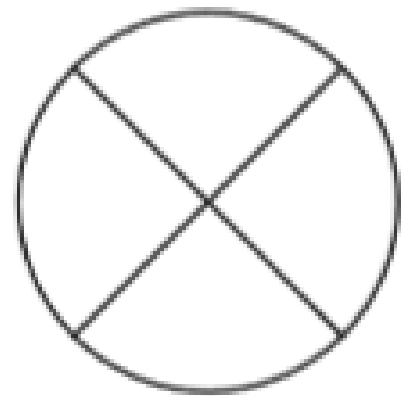
Read and Colour the Fractions



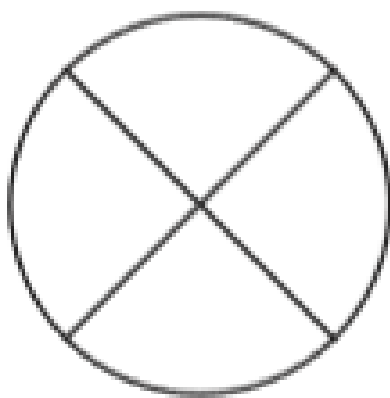
one quarter



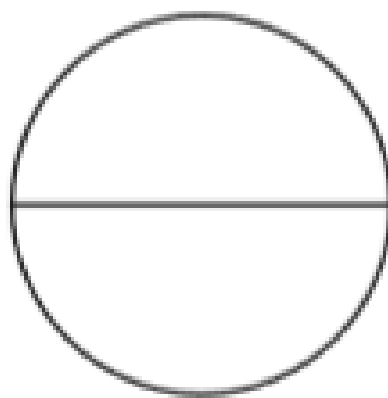
one half



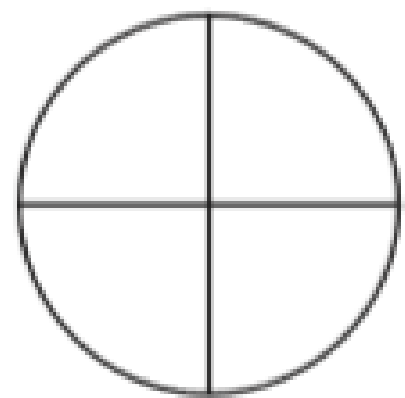
three quarters



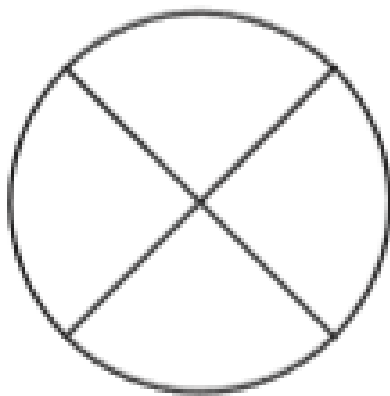
whole



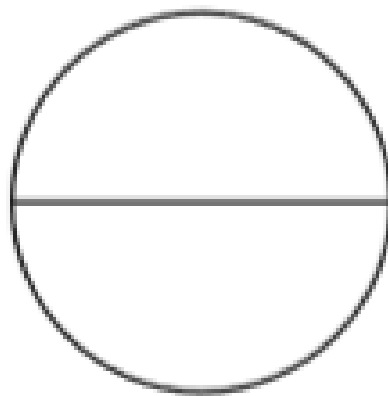
one half



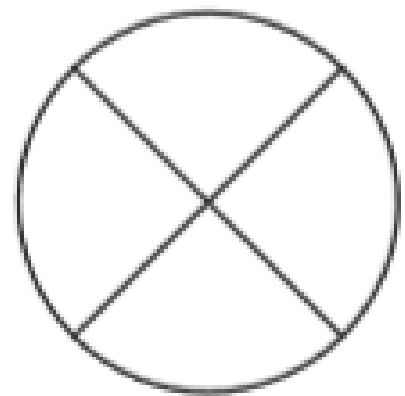
one quarter



$\frac{1}{4}$



$\frac{1}{2}$



$\frac{3}{4}$

Halves and Quarters Fractions

Find the fractions of these numbers. Draw pictures to show your thinking.

Here is an example:

$\frac{1}{2}$ of 12 = 6	
-------------------------	--

Now it's your turn!

$\frac{1}{2}$ of 8 =

--

$\frac{1}{2}$ of 14 =

--

$\frac{1}{4}$ of 12 =

--

$\frac{1}{2}$ of 18 =

--

$\frac{1}{4}$ of 24 =

--

$\frac{1}{4}$ of 32 =

--

$\frac{1}{4}$ of 20 =

--

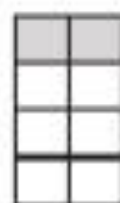
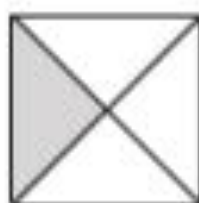
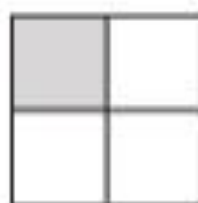
$\frac{1}{2}$ of 24 =

--

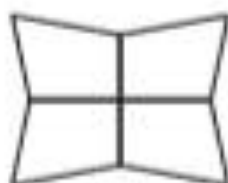
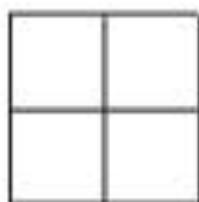
One Quarter

One quarter can be written $\frac{1}{4}$ or $\frac{2}{8}$ or $\frac{3}{12}$

One quarter of each of these figures is shaded:



Colour one quarter of each of these shapes:



Colour one quarter of each of these groups of animals:

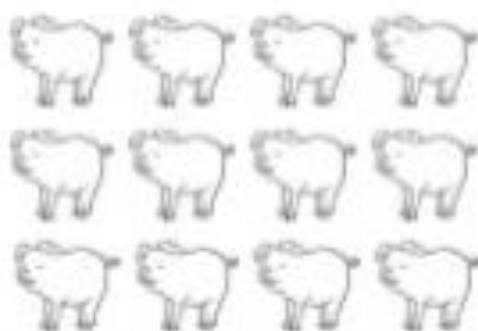
a.



b.



c.



What number is a quarter of 4? _____

What number is a quarter of 8? _____

What number is a quarter of 12? _____

What number is a quarter of 16? _____

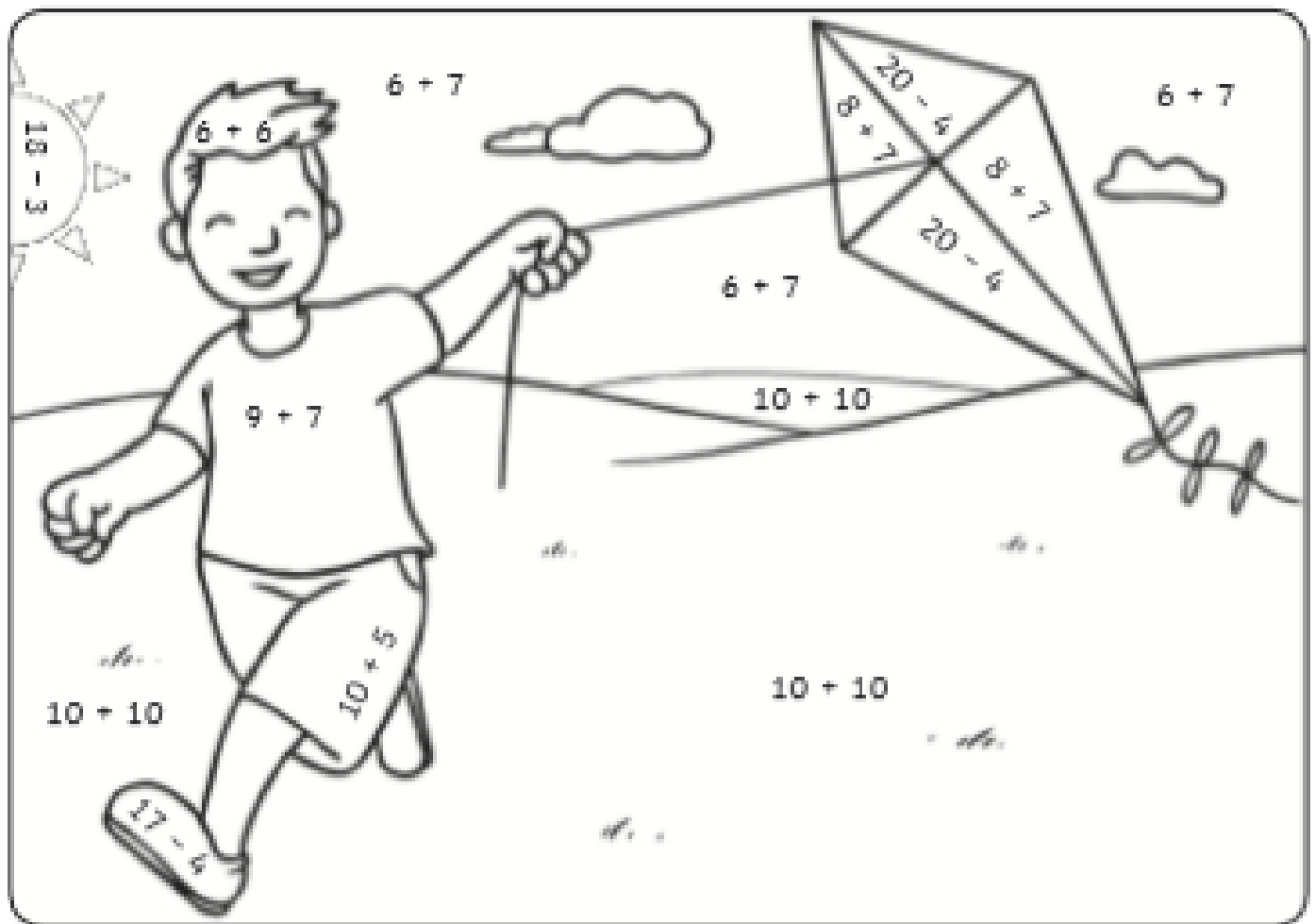
What number is a quarter of 20? _____

What number is a quarter of 40? _____

Addition and Subtraction to 20

Colour by Number

Solve the calculations to colour in this summer picture.



Answer:	16	15	20	12	13
Colour:	red	yellow	green	brown	blue

Addition and Subtraction to 20

Summer Mosaic

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

yellow = 0-8

pink = 9-15

brown = 16-20

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

Challenge: You have 5 ice creams. You eat 2. How many do you have left? Write this problem as a calculation.

Telling the Time

It's time to go on holiday. Use the clocks to help plan the trip.



What time do you get up to go on holiday? _____



What time do you set off on holiday? _____



What time do you play on the beach? _____



What time do you eat an ice cream? _____



At 4 o'clock, you go swimming.
Draw the hands on the clock.



At half past 6, you go to a disco.
Draw the hands on the clock.

If you go on holiday the day after Sunday, what day will you go on holiday? _____

If you go to the beach on the second day of your holiday, what day will you go to the beach? _____

Pirate Number Bonds to 20

Can you find the missing numbers on the pirates' coins?

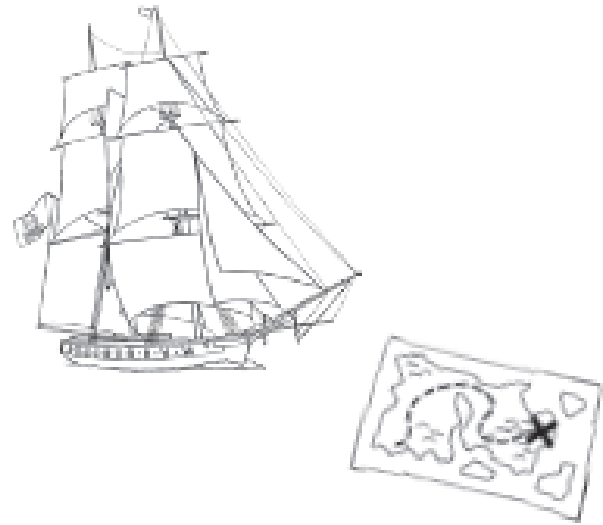
$$\text{16} + \text{4} = \text{?}$$

$$\text{?} + \text{18} = \text{20}$$

$$\text{20} = \text{?} + \text{7}$$

$$\text{20} = \text{17} + \text{?}$$

$$\text{1} + \text{?} = \text{20}$$



$$\text{20} - \text{10} = \text{?}$$

$$\text{?} - \text{11} = \text{9}$$

$$\text{20} - \text{?} = \text{8}$$

$$\text{20} - \text{6} = \text{?}$$

$$\text{20} - \text{?} = \text{5}$$

