



BROAD HORIZON
— T U I T I O N —

11+ Tuition

Year 3

Week 27

Answers

Name: _____

Date: _____

Mental Arithmetic

Paper 7	Answer	Paper 8	Answer
1. 8 added to a number is 37. What is the number?	29	1. 7 added to a number is 57. What is the number?	50
2. 6 added to a number is 24. What is the number?	18	2. 9 added to a number is 51. What is the number?	42
3. Double 17.	34	3. Double 18.	36
4. Double 19.	38	4. Double 16.	32
5. 400 plus 600.	1 000	5. 700 plus 300.	1 000
6. 200 plus 800.	1 000	6. 900 plus 100.	1 000
7. What number plus 300 makes 1 000?	700	7. What number plus 500 makes 1 000?	500
8. What number plus 100 makes 1 000?	900	8. What number plus 200 makes 1 000?	800
9. 400 plus 800.	1 200	9. 300 plus 900.	1 200
10. 200 plus 900.	1 100	10. 500 plus 700.	1 200

Who':

'many ducks'

'they'll'

'mother ducks'

'Mallard ducks'

'Predators'

'the ducklings'

What':

'busy nesting'

'sit on their eggs'

'make their nests'

'lay between 8 and 13 eggs'

'like to eat eggs and ducklings'

'hide their nests'

'made her nest'

'hatched'

Where':

'on the way home'

'on their eggs'

'hidden away'

'in some pretty funny places'

'on the ground'

'in our greenhouse'

Children's answers will vary. Example table:

Who	What (doing)	Where
Example: Mother ducks	sit on their eggs	in some funny places
Mallard ducks	make their nests	on the ground
Mallard ducks	lay between 8 and 13 eggs	in their nests
One (mallard duck)	made her nest	in our greenhouse

1. Ducks will be busy nesting in spring.
2. Mother ducks sit on their eggs hidden away for almost a month.
3. Mother ducks hide in some pretty funny places.
4. Mallard ducks make their nests on the ground.

Children's answers will vary.

Example 'who' question: Who likes to eat eggs and ducklings?

Example answer: Predators like to eat eggs and ducklings.

Example 'what' question: What do mother ducks do to protect their eggs and ducklings from predators?

Example answer: Mother ducks hide their nests carefully to protect their eggs and ducklings from predators.

Example 'where' question: Where did one of the mallard ducks make her nest?

Example answer: One of the mallard ducks made her nest in the greenhouse.

28 Commas 1 p35

- 1
 - a It was a tall, dark and gloomy house.
 - b Mark crunched his way across the cold, frosty and sparkling field.
 - c Zoe had a furry, cuddly bear for her birthday.

- 2
 - a The train called at Sunbury, Hampton and Fulwell.
 - b The leaves in Autumn are red, yellow, gold and brown.
 - c Butter, flour, sugar and a pinch of salt were the recipe's ingredients.
- 3 Lucas had lost Oscar. "Is he at the Town Hall, the station or the shops?" wondered Lucas. He tried the Town Hall, the bus terminus and last of all the market to find him. He found him sitting quietly by the fish stall. Oscar was eating a chunk of cod, a piece of haddock and some salmon!

46 Commas 2 p57

- 1
 - a While I was eating, the dog played in the garden.
 - b When the rain stops, we'll go shopping.
 - c As he took a long time to get ready, he was late for school.
 - d If you are ill, you really should go to the doctor.
- 2
 - a "James, I told you to come straight home after school!"
 - b No comma
 - c No comma
 - d "Marcus, please don't do that!"
- 3
 - a Yes, the train will arrive on time.
 - b If you don't eat your dinner, you can't have pudding.
 - c Having finally finished the exam, he was allowed to leave the room.
 - d Phillip, what is behind the door?

Commas to the Rescue

Answers



1	For my holiday I will need a towel and shorts and a hat and goggles.
	For my holiday I will need: a towel, shorts, a hat and goggles.
2	Under the sofa I found an apple and twenty pence and a ticket and a brush.
	Under the sofa I found an apple, twenty pence, a ticket and a brush.
3	At the zoo were lions and bears and zebras and tigers and snakes.
	At the zoo were lions, bears, zebras, tigers and snakes.
4	Winter is cold and dark and wet and long and miserable.
	Winter is cold, dark, wet, long and miserable.
5	The bike was new and red and shiny and fast.
	The bike was new, red, shiny and fast.
6	Fruit is healthy and sweet and colourful and tasty.
	Fruit is healthy, sweet, colourful and tasty.
7	Her children were called Robbie and Deena and David and Simon and Tim.
	Her children were called Robbie, Deena, David, Simon and Tim.
8	The shop sold fish and chips.
	The shop sold fish and chips.

Commas to the Rescue

Answers



1	For my holiday, in my suitcase I will pack a towel and two pairs of shorts and three t-shirts and a pair of goggles.
	For my holiday, in my suitcase I will pack a towel, two pairs of shorts, three t-shirts and a pair of goggles.
2	Under the sofa I found an apple core and a twenty pence piece and a used bus ticket and a forgotten hairbrush.
	Under the sofa I found an apple core, a twenty pence piece, a used bus ticket and a forgotten hairbrush.
3	At the zoo were yellow lions and brown bears and striped zebras and long snakes and fierce tigers.
	At the zoo were yellow lions, brown bears, striped zebras, long snakes and fierce tigers.
4	Winter can be cold and dark and wet and long and a little bit miserable.
	Winter can be cold, dark, wet, long and a little miserable.
5	The bike was new and red and shiny and fast. It had a bell and a basket and a light.
	The bike was new, red, shiny and fast. It had a bell, a basket and a light.
6	Fruit is healthy and sweet and colourful. It comes from countries like Spain, India and Thailand.
	Fruit is healthy, sweet and colourful. It comes from countries like Spain, India and Thailand.
7	At break he played football and catch and hide and seek and dodgeball.
	At break he played football, catch, hide and seek and dodgeball.
8	The shop sold perfect fish and fantastic chips.
	The shop sold perfect fish and fantastic chips.

Commas to the Rescue

Answers



1	For my holiday I will need: a beach towel and several pairs of shorts and some sunglasses.
	For my holiday I will need: a beach towel, several pairs of shorts and some sunglasses.
2	Down the back of the sofa I found an apple core and a felt-tip pen and a headless doll and a pound coin.
	Down the back of the sofa I found an apple core, a felt-tip pen, a headless doll and a pound coin.
3	At the zoo we saw white polar bears and impressive lions and stripy tigers and cheeky monkeys.
	At the zoo we saw white polar bears, impressive lions, stripy tigers and cheeky monkeys.
4	Winter is cold and dark and wet, but people enjoy Christmas and warm fires and hot chocolate.
	Winter is cold, dark and wet, but people enjoy Christmas, warm fires and hot chocolate.
5	The bike was new and red and shiny and fast. It had a light which was bright and clear.
	The bike was new, red, shiny and fast. It had a light which was bright and clear.
6	Fruit comes from all over the world but apples and pears and strawberries are also grown in the UK.
	Fruit comes from all over the world but apples, pears and strawberries are also grown in the UK.
7	My favourite things to eat are pick and mix sweets and bread and butter and cheese and onion crisps.
	My favourite things to eat are pick and mix sweets, bread and butter and cheese and onion crisps.
8	I like playing football and hide and seek.
	I like playing football and hide and seek.

Using Commas to Separate Items in a List Mini Test

1 How many commas in each of these sentences?

- a) He had to get cucumber, apples, potatoes and garlic. **2**
- b) Dave's mum shouldn't have bought the cake, milk and biscuits. **1**
- c) 'We need plums, peaches and pears,' shouted Kim. **2**
- d) Maeve brought the knives and forks. **0**

2 Rewrite these sentences with commas in the correct places.

- a) My hobbies are football and skateboarding and tennis and climbing.
My hobbies are football, skateboarding, tennis and climbing.
- b) My parrot is red blue and green and yellow.
My parrot is red, blue, green and yellow.
- c) I like fish and chips and pizza and Chinese food and curries.
I like fish and chips, pizza, Chinese food and curries.

3 Tick the sentences in which you think commas have been used correctly.

- a) The goat ate grass and potatoes, grain and apples.
- b) They searched all day for butterflies, birds and insects.
- c) The drawer was full of, pins, pens, staples and stickers.
- d) They kept donkeys, and chickens.

4 Write some lists of your own!

- a) Five things you might find in a market:
e.g. ***Cheese, fish, clothes, fish and toys.***
- b) Five things you might find on the moon:
e.g. ***Rocks, dust, footprints, craters and a flag.***

5 Finish the sentences using lists in your answers.

- a) Dinner was e.g. ***mashed potato, sweetcorn, roast lamb and gravy.***
- b) His room was full of e.g. ***soft toys, books, games and clothes***
- c) The house was e.g. ***chilly and had broken windows.***

Section 3 — Complete the Series

1) A

The series alternates between a black splash and a black raindrop.

2) D

An extra bite is removed from the apple in each series square.

3) C

The star moves diagonally down to the right in each series square.

4) C

The figure reflects across in each series square.

Section 4 — Look at the Figure from the Right

1) C

There should be six blocks visible from the right, which rules out options A and D. There should be one block at the top, which rules out option B.

2) A

There should be five blocks visible from the right, which rules out options B and D. There should be two blocks on the left of the figure, which rules out option C.

3) C

There should be four blocks visible from the right, which rules out options A and B. There should be one block on the left-hand side, which rules out option D.

4) C

There should be two blocks on the left of the figure, which rules out options A and B. There should be four blocks visible from the right, which rules out option D.

Times Table Practice

Y



Times Tables Worksheet Answers up to 12 x 12

Created by the Math Salamanders www.math-salamanders.com

- | | | |
|------------------------|--------------------------|-------------------------|
| 1) $6 \times 5 = 30$ | 2) $4 \times 8 = 32$ | 3) $12 \times 11 = 132$ |
| 4) $5 \times 8 = 40$ | 5) $7 \times 11 = 77$ | 6) $6 \times 9 = 54$ |
| 7) $4 \times 2 = 8$ | 8) $2 \times 9 = 18$ | 9) $6 \times 8 = 48$ |
| 10) $10 \times 6 = 60$ | 11) $9 \times 11 = 99$ | 12) $9 \times 11 = 99$ |
| 13) $6 \times 5 = 30$ | 14) $4 \times 4 = 16$ | 15) $11 \times 1 = 11$ |
| 16) $11 \times 6 = 66$ | 17) $7 \times 12 = 84$ | 18) $10 \times 8 = 80$ |
| 19) $9 \times 6 = 54$ | 20) $3 \times 6 = 18$ | 21) $8 \times 9 = 72$ |
| 22) $12 \times 7 = 84$ | 23) $11 \times 10 = 110$ | 24) $3 \times 6 = 18$ |
| 25) $11 \times 5 = 55$ | 26) $5 \times 11 = 55$ | 27) $2 \times 7 = 14$ |
| 28) $7 \times 12 = 84$ | 29) $2 \times 6 = 12$ | 30) $2 \times 1 = 2$ |
| 31) $9 \times 6 = 54$ | 32) $2 \times 8 = 16$ | 33) $10 \times 6 = 60$ |
| 34) $8 \times 7 = 56$ | 35) $4 \times 10 = 40$ | 36) $7 \times 5 = 35$ |
| 37) $11 \times 3 = 33$ | 38) $4 \times 9 = 36$ | 39) $9 \times 5 = 45$ |
| 40) $10 \times 2 = 20$ | 41) $5 \times 7 = 35$ | 42) $5 \times 4 = 20$ |
| 43) $12 \times 3 = 36$ | 44) $3 \times 2 = 6$ | 45) $12 \times 9 = 108$ |

If y

You will have 150 seconds to complete the table below from memory.



Times Tables Worksheet Answers

up to 12 x 12

Created by the Math Salamanders www.math-salamanders.com

1) $7 \times 11 = 77$

2) $5 \times 8 = 40$

3) $10 \times 1 = 10$

4) $9 \times 5 = 45$

5) $2 \times 9 = 18$

6) $12 \times 2 = 24$

7) $10 \times 5 = 50$

8) $4 \times 2 = 8$

9) $3 \times 4 = 12$

10) $3 \times 1 = 3$

11) $8 \times 8 = 64$

12) $3 \times 5 = 15$

13) $7 \times 3 = 21$

14) $11 \times 7 = 77$

15) $8 \times 9 = 72$

16) $5 \times 7 = 35$

17) $9 \times 6 = 54$

18) $12 \times 9 = 108$

19) $8 \times 5 = 40$

20) $10 \times 4 = 40$

21) $4 \times 11 = 44$

22) $3 \times 9 = 27$

23) $8 \times 4 = 32$

24) $7 \times 4 = 28$

25) $9 \times 7 = 63$

26) $3 \times 4 = 12$

27) $8 \times 8 = 64$

28) $7 \times 1 = 7$

29) $11 \times 5 = 55$

30) $3 \times 4 = 12$

31) $5 \times 0 = 0$

32) $3 \times 8 = 24$

33) $3 \times 3 = 9$

34) $9 \times 1 = 9$

35) $9 \times 7 = 63$

36) $4 \times 12 = 48$

37) $9 \times 2 = 18$

38) $8 \times 1 = 8$

39) $7 \times 7 = 49$

40) $11 \times 4 = 44$

41) $7 \times 3 = 21$

42) $9 \times 12 = 108$

43) $8 \times 12 = 96$

44) $6 \times 5 = 30$

45) $2 \times 6 = 12$

If you've achieved below 40/45 revisit all your times tables before you move on to the next worksheet

You will have 150 seconds to complete the table below from memory.



Times Tables Worksheet Answers
up to 12 x 12

Created by the Math Salamanders www.math-salamanders.com

- | | | |
|--------------------------|------------------------|--------------------------|
| 1) $11 \times 3 = 33$ | 2) $5 \times 9 = 45$ | 3) $9 \times 8 = 72$ |
| 4) $5 \times 1 = 5$ | 5) $2 \times 7 = 14$ | 6) $9 \times 10 = 90$ |
| 7) $11 \times 1 = 11$ | 8) $10 \times 2 = 20$ | 9) $11 \times 12 = 132$ |
| 10) $5 \times 10 = 50$ | 11) $11 \times 1 = 11$ | 12) $12 \times 6 = 72$ |
| 13) $7 \times 3 = 21$ | 14) $10 \times 2 = 20$ | 15) $12 \times 12 = 144$ |
| 16) $5 \times 9 = 45$ | 17) $12 \times 4 = 48$ | 18) $6 \times 1 = 6$ |
| 19) $6 \times 9 = 54$ | 20) $11 \times 7 = 77$ | 21) $6 \times 10 = 60$ |
| 22) $11 \times 5 = 55$ | 23) $3 \times 4 = 12$ | 24) $4 \times 10 = 40$ |
| 25) $6 \times 4 = 24$ | 26) $4 \times 7 = 28$ | 27) $8 \times 7 = 56$ |
| 28) $12 \times 11 = 132$ | 29) $8 \times 3 = 24$ | 30) $3 \times 4 = 12$ |
| 31) $8 \times 4 = 32$ | 32) $4 \times 1 = 4$ | 33) $2 \times 12 = 24$ |
| 34) $10 \times 12 = 120$ | 35) $11 \times 9 = 99$ | 36) $11 \times 6 = 66$ |
| 37) $3 \times 8 = 24$ | 38) $2 \times 12 = 24$ | 39) $9 \times 8 = 72$ |
| 40) $12 \times 7 = 84$ | 41) $11 \times 5 = 55$ | 42) $3 \times 5 = 15$ |
| 43) $9 \times 2 = 18$ | 44) $7 \times 3 = 21$ | 45) $12 \times 4 = 48$ |

If you've achieved below 40/45 you should revisit all your times tables and learn them again