BROAD HORIZON
TUITION

11+ Tuition

Year4

Week 1

ANSWERS

Starter Task - Quick Revision

1) 4 x 5 = 20	**2)** 7 x 8 = 56	**3)** 6 x 3 = 18
4) 12 x 7 =84	**5)** 6 x 7 = 42	**6)** 4 x 8 =32
7) 3 x 9 = 27	**8)** 5 x 12 = 60	**9)** 9 x 12 = 108
10) 9 x 7 = 63	**11)** 8 x 9 = 72	**12)** 2 x 3 =6
13) 7 x 3 = 21	**14)** 6 x 8 =48	**15)** 5 x 6 =30
16) 9 x 5 = 45	**17)** 6 x 6 =36	**18)** 3 x 8 =24
19) 11 x 12 = 132	**20)** 5 x 7 = 35	**21)** 8 x 8 =64
22) 7 x 7 = 49	**23)** 12 x 8 = 96	**24)** 6 x 4 =24
25) 8 x 5 = 40	**26)** 12 x 9 = 108	**27)** 4 x 12 =48
28) 6 x 9 = 54	**29)** 9 x 4 = 36	**30)** 7 x 4 = 28

You should already know your times tables up to 12 x 12, here's a short test to see how you do! You have 90 seconds!

30

Multiplication 1

1. 70
2. 5600
3. 730000
4. 89600
5. 70000
6. 340
7. 620
8. 35
9. 730
10. 9.6
11. 1900
12. 450

Multiplication 2 mixed

1. 720
2. 83500
3. 8300
4. 68
5. 564000
6. 7100
7. 2260
8. 84790
9. 340
10. 5165000
11. 9670
12. 0.45
13. 72.4
14. 592

Division

1. 60
2. 34
3. 96
4. 73
5. 9
6. 64
7. 0.13
8. 5.6
9. 8.2
10. 0.5
11. 0.083
12. 0.0062
13. 7.2
14. 65.2
15. 5
16. **98.54**
17. **34**
18. 9562
19. 9500
20. 0.0036
21. **0.952**
22. 1.455
23. 950
24. 92.5
25. 0.0056
26. 695.1

Answers

5 x 10 = **50**

6 x 100 = **600**

7 + 10 = **0.7**

4 x 10 = **40**

70 + 100 = **0.7**

6 x 10 = **60**

2 x 100 = **200**

28 + 10 = 2.8

5 + 10 = **0.5**

8 + 10 = **0.8**

7 x 100 = **700**

8 x 10 = **80**

3 x 100 = **300**

2 + 10 = **0.2**

80 + 100 = **0.8**

9 x 10 = **90**

Answers

34 x 10 = **340**

65 x 100 = **6500**

53 ÷ 10 = **5.3**

87 x 10 = **870**

785 ÷ 100 = **7.85**

64 x 10 = **640**

39 x 100 = **3900**

283 ÷ 10 = **28.3**

65 ÷ 10 = **6.5**

42 ÷ 10 = **4.2**

17 x 100 = **1700**

453 x 10 = **4530**

34 x 100 = **3400**

24 ÷ 10 = **2.4**

124 ÷ 100 = **1.24**

736 x 10 = **7360**

Answers

874 x 10 = **8740**

275 x 100 = **27 500**

3873 + 10 = **387.3**

673 x 10 = **6730**

3802 + 100 = **38.02**

204 x 10 = **2040**

309 x 100 = **30 900**

3002 + 10 = **300.2**

4000 + 100 = **40**

2264 + 10 = **226.4**

765 + 10 = **76.5**

817 x 100 = **81 700**

734 x 10 = **7340**

403 x 100 = **40 300**

1864 + 10 = **186.4**

3908 + 100 = **39.08**

8764 x 10 = **87 640**

201 x 100 = **20 100**

Answers

Fill in the missing numbers:

7 x **100** = 700

64 ÷ **10** = 6.4

30 ÷ **100** = 0.3

3 x **10** = 30

Fill in the space with either x or + so that the calculation is correct:

62 + 10 = 6.2

4 X 10 = 40

5 X 100 = 500

40 + 100 = 0.4

True **(T)** or False **(F):**

7 x 100 = 70 [I]

79 + 10 = 790 [I]

30 + 100 = 0.3 [!]

1 x 10 = 10 [!J

Fill in the missing numbers:

67 x **10** = 670

68 ÷ **10** = 6.8

640 ÷ **100** = 6.4

73 x **100** = 7300

Fill in the space with either x or ÷ so that the calculation is correct:

542 ÷ 10 = 54.2

46 **x** 10 = 460

473 ÷ 100 = 4.73

37 **x** 10 = 370

True (T) or False (**F**):

67 x 100 = 670 [F]

809 ÷ 10 = 80.9 [T]

568 ÷ 100 = 0.568 [F]

64 x 10 = 640 [T]

Answers

Fill in the missing numbers:

467 x **10** = 4670

683 ÷ **10** = 68.3

536 ÷ **100** = 5.36

855 x **100** = 85 500

Fill in the space with either x or + so that the calculation is correct:

742 + 10 = 74.2

4230 X 10 = 42 300

873 + 100 = 8.73

767 X 10 = 7670

True **(T)** or False **(F)**:

287 x 100 = 28 700 [!]

209 + 10 = 2.09 [I]

176 + 100 = 600 [I]

602 x 10 = 6200 [I]

Complete the following table, giving answers to 3 decimal places.

	x 10	**÷ 10**	**÷ 100**
507	5070	50.7	5.07
17.6	176	1.76	0.176
6.3	63	0.63	0.063
203.7	2037	20.37	2.037
1.93	19.3	0.193	0.019

Complete the following table, giving answers to 3 decimal places.

	x 1000	**x 10**	**÷ 100**
607	607 000	6070	6.07
4 901	4 901 000	49 010	49.01
0.08	80	0.8	0.001
17.809	17 809	178.09	0.178
37	37 000	370	0.37

Complete the following table, giving answers to 3 decimal places.

	÷ 1000	**x 100**	**÷ 10**
6.45	0.006	645	0.645
0.501	0.001	50.1	0.050
936	0.936	93 600	93.6
7180	7.18	718 000	718

You getone mark for each sentence you have correctly changed into an instruction (not including the sentence you were given).

Year 4 Week 1 Page 14-19

1. D

In the passage it says that "the Dinosaur Dipper roller coaster was the first thing Sanjay had seen

2. E

In the passage when Sanjay asks if they can go on the Dinosaur Dipper. his dad says ""we're going to take Maya on some smaller rides first"

3. E

In the passage it says "Sanjay saw an official-looking man helping people onto the ride."

4. C

In the passage it says that the teenagers "climb excitedly into the colourful carriages

5. A

In the passage the ride is described as having 'colourful"and "Brightly-painted" carriages.

6. C

In the passage it says that when SanJay reached the front of the queue for the ride, he "wasn't sure that it lookedfun after al/".

7. B

In the passage it says that when Sanjay and his dad made their way toward the Dinosaur Dipper they "le Maya and Mum at the cafe".

8. B

'pulled' is closest in meaning to "tugged Both words mean 'moved an object towards you'.

9. D

'talked' is closest in meaning to "chatted Both words mean 'spoke'.

10. A

"swept"can mean 'pushed along forcefully: so A is correct because it describes how Sanjay was pushedquickly through the gate.

11. D

'echoed" and "begged"are verbs. They are both action words.

12. D

"huge" is the acljective It describes the noun grin'.

13. C

'told' is correct — it means 'tell'in the past tense.

14. B

couldn't' is correct – it means can not' in the past tense.

15. D

'had' is correct because it is in the past tense and completes the phrase 'had to stay in'.

16. C

'between' makes the most sense in this sentence and agrees with 'two trees'which follows.

17. A

'and'makes the most sense because it connects the two parts of the sentence.

18. C

'to'makes the most sense in this sentence.

19. A

'Finally' is correct because it is the last thing Jen and Malik did when they were building the den

20. A

'sat' is correct — it means 'to sit' in the past tense.

21. E

Thequestion mark at the end of the sentence is incorrect because the sentence is a statement, not a question.

22. A

There should be a set of speech marks after 'shut up!' - speech marks always come in pairs and goround the words that are spoken.

23. A

'woufd'nt' should be 'wouldn't'. This is a shortened version of 'would not' and the apostrophe replaces the missing letter'o'.

24. D

The comma between 'with' and 'my' isn't needed.

25. B

girl's'shouldn't have an apostrophe - the 's· at the end of girls' shows that it is a plural noun so it doesn't need an apostrophe.

26. C

'wallked' should be 'walked' - the root word is 'walk'.

27. C

'peace' should be 'piece'. These are homophones - 'piece' is correct because it means 'a portion of something'. and peace means 'there is no war'.

28. D

eassely' should be easily' - the root word is easy'which only has one 's'. They' at the end of easy' changes to an 'i'when the suffix 'fy' is added.

29. E

'suny' should be 'sunny' - the correct spelling of the word has a double 'n'.

30. B

'wonderful/' should be 'wonderful'- the suffix 'fut' is spelt with a single 'l'.

Year 4 Week 1 Page 20

1. **hamster** - *The other four are types of bird.*
2. **morning** - *The other four are types of weather.*
3. **sofa** - *The other four are things that would be found in the garden.*
4. **princess** - *The other four are titles given to men.*
5. **ship** -*The other four are vehicles that travel by road.*
6. **banana** - *The other four are types of vegetable.*
7. **line** -*The other four mean a collection of things which are on top of each other.*
8. **bed** - *The other four are kitchen appliances.*
9. **needle** -*The other fourare strands offibre.*
10. **jumper** - *The other four are items of clothing worn below the waist.*
11. **gold** - *The other four are types of precious stone.*
12. **driver** -*The other four are parts of acar.*
13. **clock** - *The other four are units of time.*
14. **office** - *The other four are buildings where people live.*
15. **coral** - *The other four are natural hair colours.*

TYPE ONE

the(2nd),ball
to,his
across,into
the,quickly
up,down
hot,cold
in,out
it,into
is,milk
slippers,table
be,quiet
no,deck
church,in
shoes,cloakroom
nine,seven
friday,sunday
in,out
at,herself
come,in
fir,bend

Level 1 Answers

Test 1

1. she floated in the pool like a starfish
2. the giraffe stretched its neck to reach the top branches
3. the hippo wallowed in the cool mud
4. police sirens could be heard racing to the crash
5. the fire-engine raced to the scene of the fire
6. the sheep escaped through a hole in the .ge
7. the cows looked up in astonishment
8. the little red tractor bumped across the field
9. I dreamed of owning my own tractor
10. she watched the Olympics with mounting excitement

SPOTTING PATTERNS

Year 4 Week I page 25-36

Shapes

Warm Up

1. a5 b7 c7 d6 e8 f5
2. *Number of same-sided grey shapes: 2 (the second and fourth figures both have a grey shape with seven sides).*

Find the Figure Like the First Two

3. D

In all figures, the large white shape must have four sides.

4. C

All figures must have two identical shapes that overlap.

5. C

In all figures, there must be two separate shapes - a large shape and a small shape. The small shape must be the same size as a third of the large shape.

Complete the Grid

6. D

Working from left to right, the small shape becomes larger, and the old large shape gets smaller and moves inside the new large shape.

7. A

Working from leftto right, the number of lines of symmetry of the shape increases bytwo.

8. D

Working from left to right, one shape disappears in each grid square. First the smallest shape disappears, and then the largest shape disappears.

Counting

Warm Up

1. a3 b3 c5 d4 e4 f7
2. *Number of cakes with the same number of layers: 2 (the second and fourth cakes also have four layers).*

   Number of cakes ivith the same number of cherries: 1 (the first cake also has four cherries).

Complete the Series

3. B

The zebra gains an extra stripe in each series square.

4. C

The series alternates betiveen two and three stars . The stars gain an extra point in each series square.

5. D

The white shape gains an extra side in each series square. An extra dot is added inside the white shape.

Find the Figure Like the First Three

6. A

All stars must have exactly two black points.

7. A

All figures must have two black dots and four small inner lines.

8. D

All figures must be four-sided white shapes, with three inner lines .

Pointing

Warm Up

1. a)square b) triangle b) star
   d)circle e)square f)triangle
2. *Number of arrows that point in the same direction: 2 (the second and fourth figures both point diagonally down to the right).*

Odd One Out

3. E

In all other figures, the arrow points away from the cannon.

4. D

In all other figures, the arrowpoints in a clockwise direction.

5. A

In all other figures, the arrow points towards the shape with the Xinside.

Find the Figure Like the First Two

6. B

In all figures, the arrow must point in the samedirection as the roof of thehouse.

7. C

All figures must have three grey triangles inside the white square . Two of the triangles must point up, and one triangle must point down.

8. A

In allfigures, the arrow must point towards the middle of one of the triangles sides.

Quick Lesson Recap Answers

1. 0.0025
2. 1200
3. 367.8
4. 0.23
5. 587000
6. An abstract noun names something that does not physically exist and so cannot be touched. The names of qualities and characteristics, emotions and feelings, concepts and ideas are abstract nouns.

7. We can look at:
   - The shape
   - Counting
   - Pointing

Vocabulary 1

Exercise A

1. Illusion
2. Invert
3. Opportunity
4. Desert
5. Machinery
6. Course
7. Demonstrate
8. Imagine
9. Abusive
10. Foggy

Exercise B

1. Illusion
2. Opportunity
3. Invert
4. Demonstrate
5. Machinery
6. Desert
7. Course
8. Abusive
9. Foggy
10. Imagine