



**BROAD HORIZON**  
— T U I T I O N —

# 11+ Tuition

Year 3

Week 43

**Answers**

**Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

## **Starter Task – Quick Revision**

### **Task 1 - spelling NOTE TO TEACHER**

Read out these words to students and read each one twice.

- 1) eighth**
- 2) history**
- 3) Difficult**
- 4) Increase**
- 5) Reflex**

### **Task 2 – Definitions NOTE TO TEACHER**

Read out the words and give time for students to define the first one before saying the next one

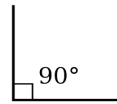
**Believe:** Accept that (something) is true, especially without proof.

**Particular:** used to single out an individual member of a specified group or class.

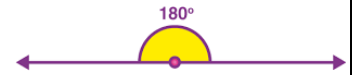
## Task 3 – Maths

Reference angles:

Right angle:



180 ° angle:



1) Draw the following angles;

i) Acute angle:

Any angle smaller than a right angle

ii) Obtuse angle

Any angle bigger than a right angle

But less than a 180 °angle

iii) Reflex angle:

Any angle bigger than a 180 °angle

iv) Right angle

2) i) What do you call a shape with 6 sides Hexagon

ii) What do you call a shape with 9 sides Nonagon

iii) What do you call a shape with 5 sides Pentagon

3) Work out the following conversions:

i) 200 centimetres = **2000** millimetres

ii) 7 kilometres = **7000** metres

iii) 8 kilograms = **8000** grams

iv) 2 litres = **2000** millilitres

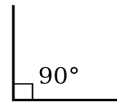
v) 180 seconds = **3** minutes

vi) 48 Hours = **4** Days

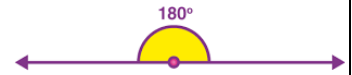
## Homework – Revision

### Reference angles:

Right angle:



180° angle:



1) Draw the following angles;

i) Reflex angle:

Any angle bigger than a 180° angle

ii) Acute angle

Any angle smaller than a right angle

iii) Right angle:

iv) Obtuse angle

Any angle bigger than a right angle

But less than a 180° angle

2) i) What do you call a shape with 4 sides Quadrilateral/Rectangle/Square

ii) What do you call a shape with 7 sides Heptagon

iii) What do you call a shape with 3 sides triangle

3) Work out the following conversions:

i) 300 centimetres = 3000 millimetres

ii) 3 kilometres = 3000 metres

iii) 6 kilograms = 6000 grams

iv) 4 litres = 4000 millilitres

v) 240 seconds = 4 minutes

vi) 108 Hours = 9 Days

### Task 4 - times tables

You will have 45 seconds to complete the table below from memory.

<b>1)</b> $6 \times 3 = 18$	<b>2)</b> $8 \times 3 = 24$	<b>3)</b> $3 \times 3 = 9$
<b>4)</b> $12 \times 3 = 36$	<b>5)</b> $9 \times 3 = 27$	<b>6)</b> $8 \times 3 = 24$
<b>7)</b> $3 \times 5 = 15$	<b>8)</b> $9 \times 4 = 36$	<b>9)</b> $2 \times 4 = 8$
<b>10)</b> $4 \times 12 = 48$	<b>11)</b> $6 \times 4 = 24$	<b>12)</b> $4 \times 3 = 12$
<b>13)</b> $4 \times 4 = 16$	<b>14)</b> $8 \times 4 = 32$	<b>15)</b> $11 \times 4 = 44$

## Page 7 — Test 7

**Warm Up 1: 100**

**Warm Up 2: 500**

1) 2

2) 35

3)  $>$

4)  $\frac{2}{9}$

5) 2

6) 60

7)  $\frac{7}{10}$

8) 25 kg

9)  $\frac{5}{6}$

10) 6

11) 275

12) 727

13) £23

14) 400

15) 6

16) 840

17) 349

18) 13

19) 9

20) 40 s

21) 900 mm

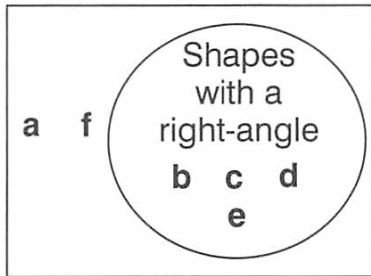
22)  $\frac{4}{8}$  and  $\frac{1}{2}$

23) 72

24) 25 mins

## Paper 9

1–6 Shapes



7 rectangle

8 18

9 100

10 £3.55

11 £3.11

12 £3.33

13 £4.10

14–15

243				247	248	249					254
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16–17

	583			586	587	588				592	
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18–19 79, 35

20–21 38, 90

22–23 Andrew, Rohan

24–25 Dan, Guy

26 Colin

27 120 cm

28 Keith

29 25

30 4 boys

## English Comp

### Pages 32–35 Progress Test 1

1. The narrator is the character who tells the story. [1]
2. The narrator is a child [1] because he/she talks about being at school now ('He only joined our class last year...') [1].
3. a word that gives more information about a noun [1]
4. smallest, funniest [2] 5. Michael [1]
6. 

Tom	Accept one from: he is funny; he can eat a lot.
Josie	Accept one from: she is fast and good at football; she is cool.

 [2]
7. He thinks Tom will eat them because he is always hungry. [1]
8. No, because you could not fit a million freckles on someone's face. [2]
9. 'a shimmer of glass' [1]
10. remains [1]
11. a) False, b) False, c) True, d) True [4]
12. A long time [1] because the children have grown up, or because the school has become a ruin, or because the school has been forgotten [1].
13. Two from: 'as the night draws in and the dark descends', 'as the night draws on', 'as the night creeps up to the edge of the day'. [2]
14. Answers may vary, e.g. because the sun is rising / daylight is coming. [1]

**45 Punctuating speech p56**

- 1
  - a "How late are you going to be?" Jody asked.
  - b "What do you want for your tea tonight?" Mum enquired.
  - c "Becky, where are you?" called Toby.
  - d "Did you hear that?" asked Jonny.
- 2
  - a "Help!" cried the little boy.
  - b "That is amazing!" replied Abdul.
  - c "I am going to the library and will meet my brother there."
  - d "We are going to get a cat from the rescue centre because we want a pet."
- 3
  - a Fawzia turned round and shouted, "I will see you later."
  - b "Do you have to go already?" asked Ben.
  - c "Look out!" shrieked Debbie. "That bucket nearly fell on you!"

## Non-Verbal

### Section 3 — Reflect the Figure

1) C

Option A has too many wavy lines. Option B has the wrong shading. Option D has not been reflected and the wavy lines have changed.

2) C

In option A, the four-sided shape on the left has not been reflected. Option B has too many legs. Option D is missing two circles.

3) A

Option B has the wrong shading. Option C is a downwards reflection. Option D is a 180 degree rotation.

4) D

Option A is missing the short black line and has the wrong shading. Option B has the wrong shading. Option C has not been reflected.

### Section 4 — Complete the Series

1) A

The lid rotates 45 degrees clockwise in each series square.

2) B

The black circle moves one point clockwise around the tree in each series square. The outline of the tree alternates between being solid and dotted.

3) C

The inner circle with the grey shading rotates 90 degrees anticlockwise in each series square.

4) D

The figure rotates 90 degrees anticlockwise in each series square.

# Times Table Practice

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](http://www.math-salamanders.com)

1)  $7 \times 11 = 77$

16)  $7 \times 7 = 49$

31)  $4 \times 6 = 24$

2)  $2 \times 5 = 10$

17)  $1 \times 3 = 3$

32)  $4 \times 7 = 28$

3)  $8 \times 11 = 88$

18)  $7 \times 2 = 14$

33)  $4 \times 3 = 12$

4)  $7 \times 3 = 21$

19)  $3 \times 5 = 15$

34)  $7 \times 7 = 49$

5)  $12 \times 2 = 24$

20)  $2 \times 2 = 4$

35)  $12 \times 7 = 84$

6)  $3 \times 5 = 15$

21)  $11 \times 11 = 121$

36)  $5 \times 7 = 35$

7)  $5 \times 12 = 60$

22)  $8 \times 8 = 64$

37)  $2 \times 8 = 16$

8)  $12 \times 4 = 48$

23)  $11 \times 7 = 77$

38)  $10 \times 12 = 120$

9)  $3 \times 4 = 12$

24)  $9 \times 6 = 54$

39)  $11 \times 5 = 55$

10)  $3 \times 7 = 21$

25)  $9 \times 12 = 108$

40)  $3 \times 2 = 6$

11)  $4 \times 10 = 40$

26)  $12 \times 2 = 24$

41)  $12 \times 1 = 12$

12)  $11 \times 10 = 110$

27)  $5 \times 5 = 25$

42)  $6 \times 11 = 66$

13)  $12 \times 9 = 108$

28)  $10 \times 5 = 50$

43)  $2 \times 10 = 20$

14)  $6 \times 6 = 36$

29)  $7 \times 9 = 63$

44)  $1 \times 6 = 6$

15)  $4 \times 11 = 44$

30)  $6 \times 9 = 54$

45)  $2 \times 11 = 22$

you

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](http://www.math-salamanders.com)

1) **5** x 10 = 50

16) 3 x **6** = 18

31) 2 x **1** = 2

2) 10 x **3** = 30

17) 6 x **5** = 30

32) **6** x 2 = 12

3) **7** x 6 = 42

18) 8 x 10 = **80**

33) **6** x 1 = 6

4) 4 x 12 = **48**

19) 2 x 6 = **12**

34) 9 x **9** = 81

5) **3** x 1 = 3

20) 1 x 10 = **10**

35) 11 x **10** = 110

6) **3** x 9 = 27

21) 3 x **7** = 21

36) **4** x 7 = 28

7) 10 x 2 = **20**

22) 12 x **1** = 12

37) 9 x **11** = 99

8) **12** x 5 = 60

23) 9 x **2** = 18

38) 5 x **7** = 35

9) **7** x 11 = 77

24) 3 x **7** = 21

39) 3 x **11** = 33

10) 6 x 10 = **60**

25) **7** x 8 = 56

40) **9** x 4 = 36

11) **2** x 3 = 6

26) **9** x 2 = 18

41) **5** x 12 = 60

12) **5** x 12 = 60

27) 11 x **1** = 11

42) **1** x 1 = 1

13) 12 x **11** = 132

28) **4** x 6 = 24

43) 10 x 10 = **100**

14) 2 x 2 = **4**

29) **5** x 4 = 20

44) 12 x **1** = 12

15) 11 x 2 = **22**

30) **9** x 2 = 18

45) **3** x 3 = 9

you

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](http://www.math-salamanders.com)

1) **10** x 10 = 100

16) 3 x 11 = **33**

31) **9** x 2 = 18

2) **11** x 1 = 11

17) **10** x 7 = 70

32) **8** x 6 = 48

3) **9** x 6 = 54

18) **12** x 3 = 36

33) **10** x 10 = 100

4) **6** x 1 = 6

19) **4** x 9 = 36

34) 8 x **10** = 80

5) 7 x **3** = 21

20) **8** x 12 = 96

35) 4 x **2** = 8

6) 10 x 8 = **80**

21) **2** x 9 = 18

36) **6** x 12 = 72

7) **5** x 9 = 45

22) 8 x **6** = 48

37) **5** x 5 = 25

8) 11 x 4 = **44**

23) 11 x **12** = 132

38) 3 x **3** = 9

9) 5 x **9** = 45

24) **12** x 6 = 72

39) 3 x **9** = 27

10) 7 x **10** = 70

25) 7 x 10 = **70**

40) **7** x 3 = 21

11) 10 x **11** = 110

26) 2 x 10 = **20**

41) 4 x **4** = 16

12) **5** x 3 = 15

27) 2 x 6 = **12**

42) 10 x **1** = 10

13) 6 x **1** = 6

28) 11 x 9 = **99**

43) **2** x 5 = 10

14) 5 x **5** = 25

29) 3 x **0** = 0

44) 3 x 10 = **30**

15) 4 x **6** = 24

30) **6** x 8 = 48

45) 2 x **3** = 6

bles and