



BROAD HORIZON
— T U I T I O N —

11+ Tuition

Year 3

Week 24

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) surprise**
- 2) strength**
- 3) often**
- 4) notice**
- 5) natural**

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

- 1) Natural – Existing in or caused by nature**

- 2) Often – Frequently or many times**

Task 3 – Maths

1) Order the following fractions from smallest to largest:

$9/10$, $5/20$, $3/5$, $11/20$, $7/20$

$5/20$ $7/20$ $11/20$ $3/5$ $9/10$
.....

2) $528 \div 9 = 58 \text{ r } 6$

3) Round 9612 to the nearest 1000 = 10,000

4) What is the area of the Green Rectangle. 135cm^2



5) $3/10 + 14/20 = 1$

6) $9/20 - 1/5 = 5/20$ or $1/4$

Task 4 - times tables

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

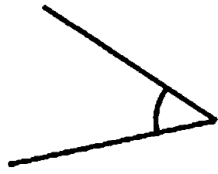
| | | |
|--------------------------------|---------------------------------|--------------------------------|
| 1) $11 \times 12 = 132$ | 2) $11 \times 6 = 66$ | 3) $11 \times 12 = 132$ |
| 4) $11 \times 8 = 88$ | 5) $11 \times 4 = 44$ | 6) $11 \times 3 = 33$ |
| 7) $12 \times 3 = 36$ | 8) $12 \times 5 = 60$ | 9) $6 \times 12 = 72$ |
| 10) $12 \times 9 = 108$ | 11) $12 \times 12 = 144$ | 12) $12 \times 7 = 84$ |
| 13) $12 \times 3 = 36$ | 14) $4 \times 12 = 48$ | 15) $2 \times 11 = 22$ |

Mental Arithmetic

| Paper 23 | Answer | Paper 24 | Answer |
|---|-------------|--|-------------|
| 1. What is 45 to the nearest 10? (rounded up) | 50 | 1. What is 65 to the nearest 10? (rounded up) | 70 |
| 2. What is 135 to the nearest ten? (rounded up) | 140 | 2. What is 145 to the nearest ten? (rounded up) | 150 |
| 3. What is 432 to the nearest hundred? | 400 | 3. What is 476 to the nearest hundred? | 500 |
| 4. What is 591 to the nearest hundred? | 600 | 4. What is 529 to the nearest hundred? | 500 |
| 5. What is twice 34? | 68 | 5. What is twice 41? | 82 |
| 6. What is twice 55? | 110 | 6. What is twice 45? | 90 |
| 7. What is half of 300? | 150 | 7. What is half of 500? | 250 |
| 8. What is half of 700? | 350 | 8. What is half of 900? | 450 |
| 9. True or false: a cube has six sides. | true | 9. True or false: all squares are rectangles. | true |
| 10. True or false: a square has 4 equal sides. | true | 10. True or false: a square has 4 right angled corners. | true |

Write the type of angle:

1.



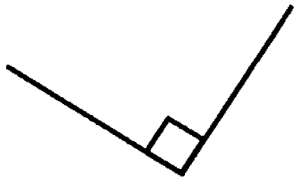
acute

2.



obtuse

3.



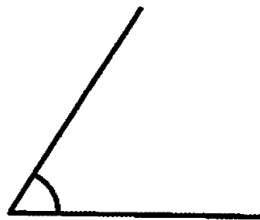
right

4.



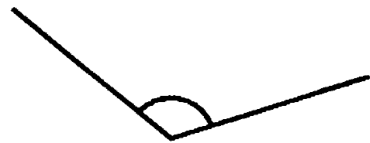
acute

5.



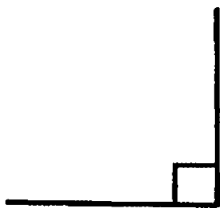
acute

6.



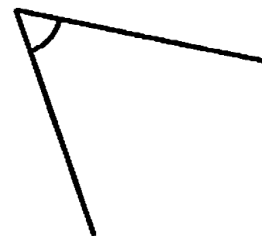
obtuse

7.



right

8.



acute



CLASSIFYING ANGLES

Name _____

Score _____

Answer key

AT:03

Measures of angles are given below. What is the angle type? Pick the right choice.

1) 44°

- a) Acute angle b) Straight angle c) Obtuse angle

2) 260°

- a) Right angle b) Reflex angle c) Acute angle

3) 90°

- a) Straight angle b) Obtuse angle c) Right angle

Write acute, right, obtuse, straight or reflex angle against each measure.

1) 180°

Straight angle

2) 312°

Reflex angle

3) 55°

Acute angle

4) 116°

Obtuse angle

5) 130°

Obtuse angle

6) 90°

Right angle

7) 299°

Reflex angle

8) 19°

Acute angle



CLASSIFYING ANGLES

Name _____

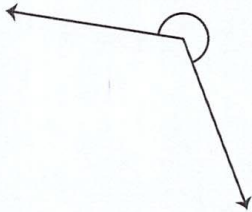
Score _____

Answer key

AT:06

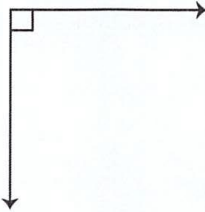
Look at the angles shown below. Identify the type of angle.

1)



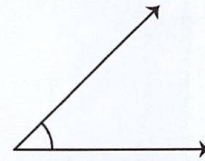
Reflex angle

2)



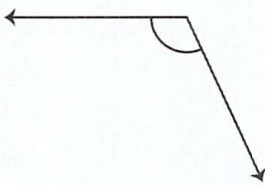
Right angle

3)



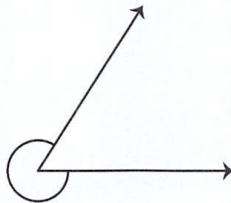
Acute angle

4)



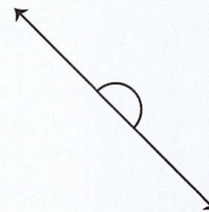
Obtuse angle

5)



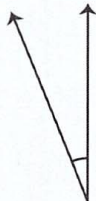
Reflex angle

6)



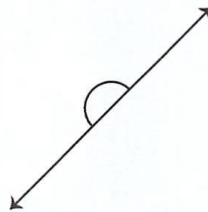
Straight angle

7)



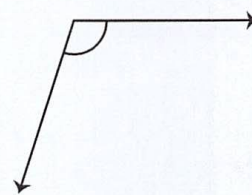
Acute angle

8)



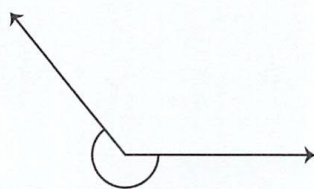
Straight angle

9)



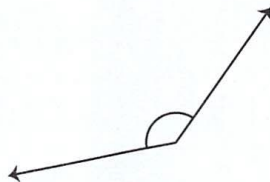
Obtuse angle

10)



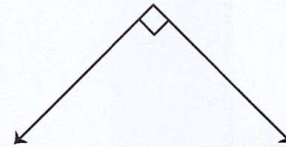
Reflex angle

11)



Obtuse angle

12)



Right angle

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CLASSIFYING ANGLES

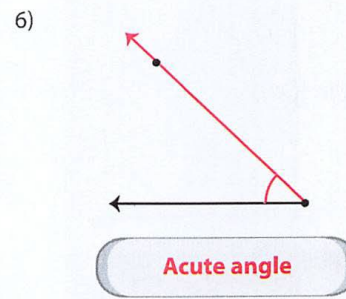
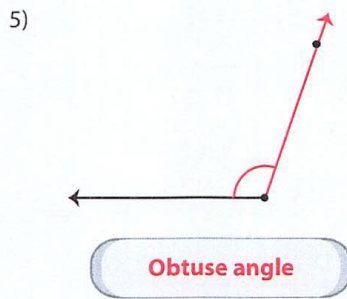
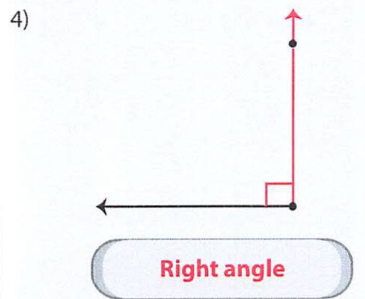
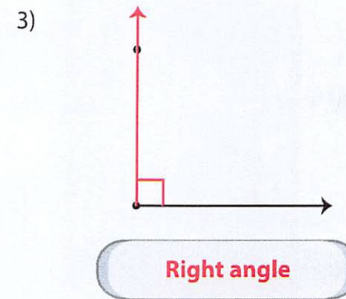
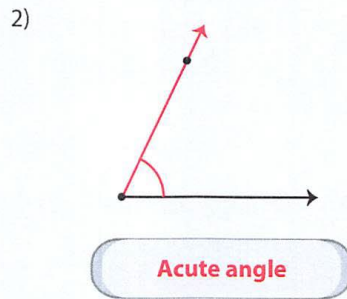
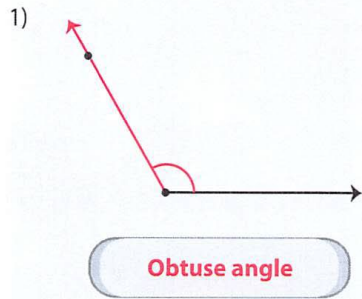
Name _____

Score _____

Answer key

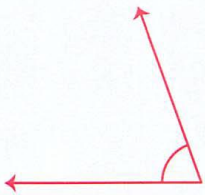
AT:09

Join the points to form angles and state if they are acute, right or obtuse angle.



Draw angles for each type mentioned below.

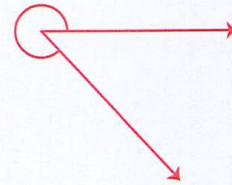
1) An acute angle



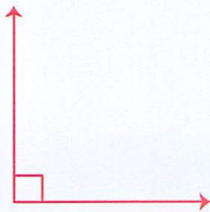
2) A straight angle



3) A reflex angle



4) A right angle



5) An acute angle

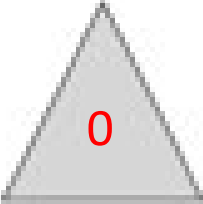

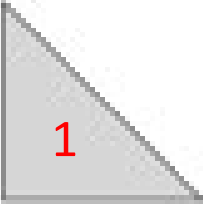
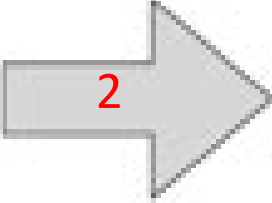
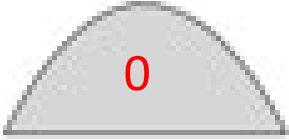
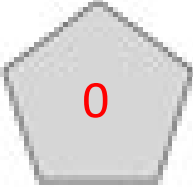
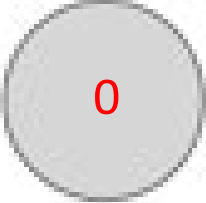
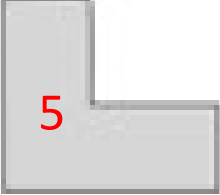
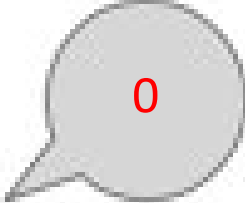

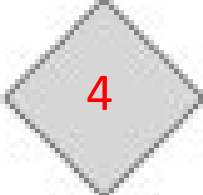
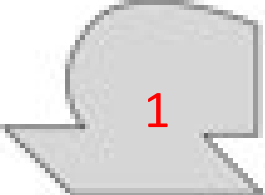


6) An obtuse angle



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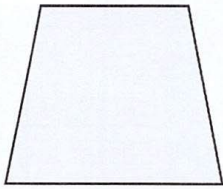
Count the number of right angles:

| | | |
|---|---|---|
| 1)  0 | 2)  4 | 3)  1 |
| 4)  2 | 5)  0 | 6)  0 |
| 7)  0 | 8)  5 | 9)  0 |
| 10)  0 | 11)  4 | 12)  1 |

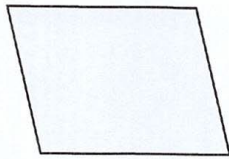
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Answers

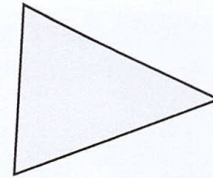
Name the following polygons.



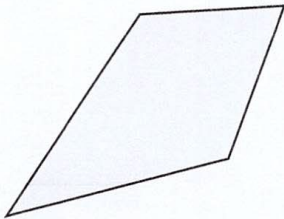
Quadrilateral



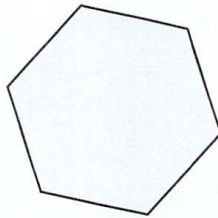
Quadrilateral



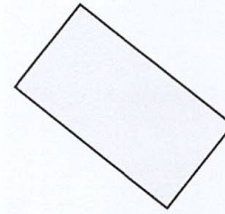
Triangle



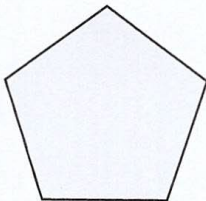
Quadrilateral



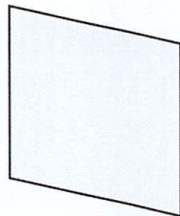
Hexagon



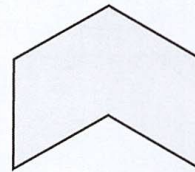
Rectangle



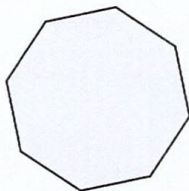
Pentagon



Quadrilateral



Hexagon



Octagon



Square

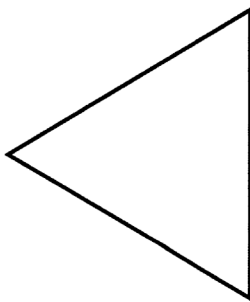


Pentagon

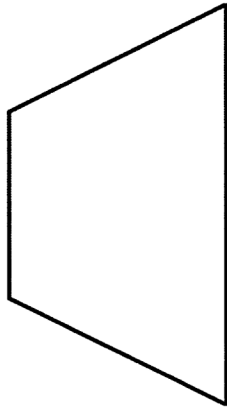
NB: in the US a trapezium is called a trapezoid

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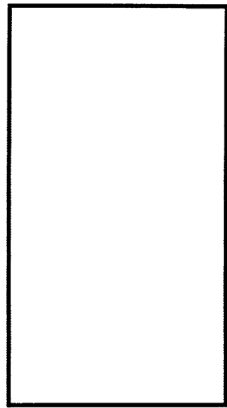
Name the 2D Shape - Answers



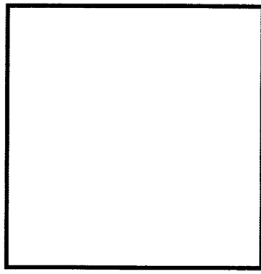
Number of sides **3**
Name **triangle/equilateral triangle**



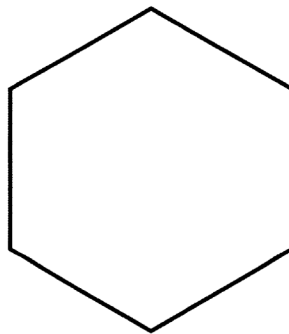
Number of sides **4**
Name **trapezium**



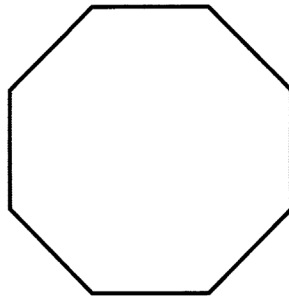
Number of sides **4**
Name **rectangle**



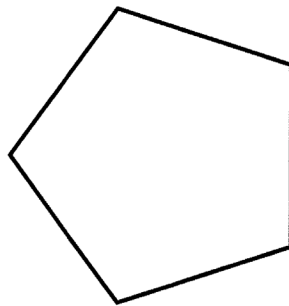
Number of sides **4**
Name **square**



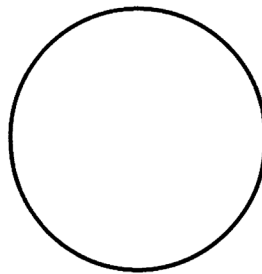
Number of sides **6**
Name **hexagon**



Number of sides **8**
Name **octagon**



Number of sides **5**
Name **pentagon**



Number of sides **1**
Name **circle**



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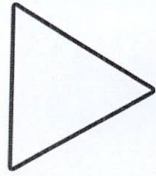


Date _____

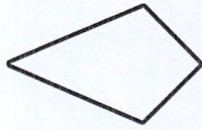
Name _____



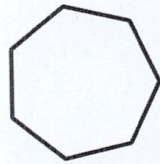
Name the 2D Shape



triangle



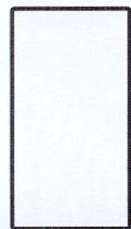
Quadrilateral



heptagon



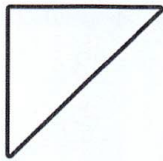
Quadrilateral



rectangle



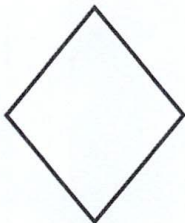
Quadrilateral



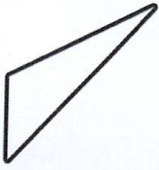
1 triangle



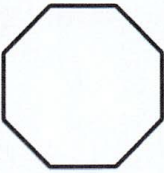
s triangle



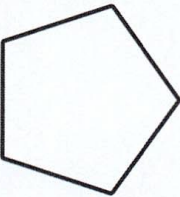
Quadrilateral



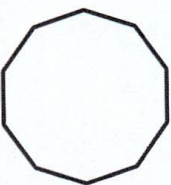
triangle



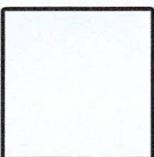
octagon



pentagon



decagon



square

Children's pictures and answers will vary.

Example beginning: The story is about Scaredy Squirrel, who wants to visit the beach for the first time to find seashells. He then writes a plan to help him get there and back safely.

Example middle: The problem is that the day does not go as he plans and there is a crowd of people on the beach when he gets there. He is so scared he panics and plays dead.

Example end: I think what happens in the end is Scaredy Squirrel finds the seashells he wants and has fun with the friendly crowd on the beach – and decides to go again without his plan!

English Grammar

26 Essential words p33

- 1 Verbs: go / have to remember / take / reminds / take / need / is
Adjectives: early / blue / PE / football / favourite / whole
- 2 favourite
- 3 Last summer I went to Spain with my Mum and Uncle Henry, my brother Simon and sister Benita. My whole family went! It was so hot, I was boiling and the sun shone every day. It was great to go swimming in the cool, blue sea but Benita preferred to sunbathe on the beach.

Answer Key

1. Luca and the chickens.
2. The chickens said, "Cluck, cluck, cluck!"
3. Alex and his grandpa's windows.
4. Grandpa's apartment is on the 18th floor.
5. Accept any reasonable response.

Answer Key

1. B
2. A
3. C
4. C
5. 2, 1, 3, 4
6. Accept any reasonable response, such as "A Different Kind of Homework Assignment."

Correct the spelling mistake

Year 3 and 4 Correct the Spelling Mistake (5)

The spelling mistakes in these sentences have been circled. Write the correct spelling for each word in the box.

1. Outside the palace, the gard stood very still.
2. Today, I am seven but, tomorrow, I will be ayt.
3. The horse showed incredible strenth as it ploughed the field.
4. When I am older, I am going to own my own iyland.
5. At the farm, we got to expeeriens feeding the lambs.
6. This Febury my great-grandad will be 100.
7. Ocazionly Caleb brings his pet dog to school.
8. Did you make this mess on purpess?

| |
|--------------|
| guard |
| eight |
| strength |
| island |
| experience |
| February |
| occasionally |
| purpose |

Each sentence below has one word which is spelt incorrectly. Circle the incorrect word and write the correct spelling in the box.

1. "It was an aksident, I promise," explained my cousin.
2. Our classroom has vareeus books and toys to choose from.
3. I supows I could try eating one piece of broccoli.
4. Is there a paticular problem that you need help with?
5. A giraffe's tongue can reach over 45cm in lenth.
6. Using the correct grama is important when you write.
7. Nadjib's favourite posision to play in is goalkeeper.
8. Last week, I saw a faymus person walking down our street.

| |
|------------|
| accident |
| various |
| suppose |
| particular |
| length |
| grammar |
| position |
| famous |



Section 5 — Complete the Series

1) **A**

The figure gets bigger in each series square.

2) **D**

The fork loses a prong in each series square.

(In C the fork is the wrong colour.)

3) **C**

The series alternates between three small stars (which are coloured black, grey and white) and one large white star.

4) **D**

The top rectangle is removed in each series square

(each rectangle always stays the same colour).

Section 6 — Rotate the Figure

1) **A**

The figure has been rotated 180 degrees. Option B is the wrong shape. Option C has the wrong shading. In option D, there is an extra black shape.

2) **A**

The figure has been rotated 90 degrees clockwise. Options B and D have the wrong shading. In option C, the black and white shadings on the hexagon have swapped positions.

3) **A**

The figure has been rotated 270 degrees clockwise (or 90 degrees anticlockwise). In option B, the double-headed arrow is in the wrong position. In option C, there is no double-headed arrow. Option D has the wrong shading.

4) **B**

The figure has been rotated 180 degrees. In option A, there are three arrows. In option C, the arrow is pointing in the wrong direction. In option D, the arrow is the wrong shape and has the wrong shading.

Times Table Practice

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

Times Tables Worksheet Answers for the 12 Times Tables

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

- | | | |
|--------------------------|--------------------------|--------------------------|
| 1) $12 \times 4 = 48$ | 2) $12 \times 8 = 96$ | 3) $12 \times 4 = 48$ |
| 4) $11 \times 12 = 132$ | 5) $1 \times 12 = 12$ | 6) $12 \times 2 = 24$ |
| 7) $12 \times 8 = 96$ | 8) $12 \times 7 = 84$ | 9) $12 \times 3 = 36$ |
| 10) $12 \times 8 = 96$ | 11) $2 \times 12 = 24$ | 12) $1 \times 12 = 12$ |
| 13) $12 \times 3 = 36$ | 14) $5 \times 12 = 60$ | 15) $12 \times 2 = 24$ |
| 16) $12 \times 11 = 132$ | 17) $12 \times 12 = 144$ | 18) $12 \times 12 = 144$ |
| 19) $12 \times 6 = 72$ | 20) $8 \times 12 = 96$ | 21) $12 \times 5 = 60$ |
| 22) $6 \times 12 = 72$ | 23) $2 \times 12 = 24$ | 24) $9 \times 12 = 108$ |
| 25) $2 \times 12 = 24$ | 26) $12 \times 7 = 84$ | 27) $5 \times 12 = 60$ |
| 28) $12 \times 3 = 36$ | 29) $12 \times 10 = 120$ | 30) $12 \times 3 = 36$ |
| 31) $6 \times 12 = 72$ | 32) $0 \times 12 = 0$ | 33) $12 \times 11 = 132$ |
| 34) $12 \times 5 = 60$ | 35) $8 \times 12 = 96$ | 36) $10 \times 12 = 120$ |
| 37) $12 \times 4 = 48$ | 38) $12 \times 5 = 60$ | 39) $12 \times 2 = 24$ |
| 40) $12 \times 1 = 12$ | 41) $11 \times 12 = 132$ | 42) $11 \times 12 = 132$ |
| 43) $12 \times 1 = 12$ | 44) $12 \times 8 = 96$ | 45) $12 \times 7 = 84$ |

you

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

Times Tables Worksheet Answers
for the 12 Times Tables

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

1) **12** x 8 = 96

2) **5** x 12 = 60

3) 12 x 9 = **108**

4) 12 x **3** = 36

5) **5** x 12 = 60

6) **12** x 3 = 36

7) **4** x 12 = 48

8) 12 x 5 = **60**

9) 6 x 12 = **72**

10) **8** x 12 = 96

11) **12** x 2 = 24

12) 8 x **12** = 96

13) 7 x **12** = 84

14) **7** x 12 = 84

15) 12 x **4** = 48

16) **12** x 9 = 108

17) 11 x 12 = **132**

18) 8 x 12 = **96**

19) 12 x **12** = 144

20) 4 x **12** = 48

21) 8 x 12 = **96**

22) 9 x **12** = 108

23) 9 x **12** = 108

24) 9 x **12** = 108

25) 6 x 12 = **72**

26) 12 x **9** = 108

27) 12 x 0 = **0**

28) 8 x **12** = 96

29) 8 x 12 = **96**

30) **12** x 2 = 24

31) **10** x 12 = 120

32) **5** x 12 = 60

33) 12 x **6** = 72

34) 12 x **12** = 144

35) 10 x 12 = **120**

36) 5 x 12 = **60**

37) 12 x **6** = 72

38) **5** x 12 = 60

39) **12** x 6 = 72

40) 12 x **8** = 96

41) 12 x **5** = 60

42) 12 x **10** = 120

43) **12** x 12 = 144

44) 3 x **12** = 36

45) 12 x **4** = 48

you

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

Times Tables Worksheet Answers
for the 12 Times Tables

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

- | | | |
|--------------------------|--------------------------|--------------------------|
| 1) $12 \times 7 = 84$ | 2) $12 \times 1 = 12$ | 3) $12 \times 5 = 60$ |
| 4) $10 \times 12 = 120$ | 5) $12 \times 2 = 24$ | 6) $3 \times 12 = 36$ |
| 7) $12 \times 6 = 72$ | 8) $12 \times 4 = 48$ | 9) $12 \times 8 = 96$ |
| 10) $12 \times 8 = 96$ | 11) $12 \times 2 = 24$ | 12) $11 \times 12 = 132$ |
| 13) $0 \times 12 = 0$ | 14) $12 \times 9 = 108$ | 15) $12 \times 5 = 60$ |
| 16) $9 \times 12 = 108$ | 17) $1 \times 12 = 12$ | 18) $12 \times 4 = 48$ |
| 19) $12 \times 2 = 24$ | 20) $5 \times 12 = 60$ | 21) $2 \times 12 = 24$ |
| 22) $6 \times 12 = 72$ | 23) $10 \times 12 = 120$ | 24) $2 \times 12 = 24$ |
| 25) $3 \times 12 = 36$ | 26) $11 \times 12 = 132$ | 27) $1 \times 12 = 12$ |
| 28) $12 \times 2 = 24$ | 29) $12 \times 2 = 24$ | 30) $12 \times 10 = 120$ |
| 31) $12 \times 11 = 132$ | 32) $12 \times 5 = 60$ | 33) $5 \times 12 = 60$ |
| 34) $9 \times 12 = 108$ | 35) $3 \times 12 = 36$ | 36) $12 \times 9 = 108$ |
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| 43) $12 \times 11 = 132$ | 44) $12 \times 9 = 108$ | 45) $12 \times 7 = 84$ |

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