



nimdee

A young girl with dark skin and long, thick braids is smiling and looking down at a black tablet computer she is holding. She is wearing a light pink short-sleeved shirt. The background is a solid teal color. In the foreground, there is a wooden desk with some papers and a book.

# FUN FREE WORKSHEETS

for JSS 1-3



# Give your child a head start

Did you know that spending only 5 minutes a day learning something new can have a significant impact on children?

*“To become really good at anything, you have to practice and repeat, practice and repeat, until the technique becomes intuitive.” Paulo Coelho*

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

## Grammar Trivia

Lola will be testing your knowledge on different areas of grammar such as prepositions, connectives, superlatives, verbs and nouns.



- 1 How many prepositions can you identify from the following passage. Underline each preposition you find.

*The heroine in the movie finally found a door. It was hidden behind one of the paintings. She quietly turned the handle and went through with great trepidation. She felt a cold shiver run down her spine despite the heat in the house.*

- 2 Which of the following words are connectives? Circle all the connectives

what	reduction	lastly	period
shortly	why	whereas	how
inclusion	comma	till	syntax
so	grammar	hyphen	thus
eventually	caterpillar	when	apostrophe

- 3 Can you identify the superlative in the paragraph below? Underline all the superlatives you find.

*Ameena thought Timmy was the fastest runner she had ever known-much better than Jamal. His legs seemed to move much faster and he had the most graceful running gait she had seen.*

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

## Grammar Mission

Timmy is on a mission to improve his grammar and he needs your help to avoid making mistakes.



**1** Help Timmy replace the proper nouns with pronouns in the following sentences

(i) Chichi and I went shopping but Lola went to the movies with Jamal

---

---

(ii) The pineapple belonged to Omarr but Timmy and Jamal thought it was for Chichi and Lola

---

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(iii) Kofi went to visit Habiba in the hospital

---

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**2** Change this paragraph to the past tense

Chichi giggles as the feather touches her feet. She wants to stop laughing but she just can't seem to stop. She feels she might burst if she tries holding it in.

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---

---

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

## Mind Your Grammar

You need to pay attention to your spellings and punctuation as you learn grammar. Can you help Jamal mind his grammar?



- 1 Rewrite this paragraph correcting all of the spelling and punctuation errors.

*my favourite book is purple hibiscus because it really like the character kambili i really enjoyed the way that kambili talks about her aunts house and the description if the book shells and cury and nutmeg smells. in the story kambili has a elder brother called jaja. i am really looking forward to finishing the book so that i can find out more about what hapenned when day went home*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- 2 Rewrite the following paragraph and correct all spelling and punctuation errors

*i like to go to the cinama on the week-ends and eats lots of pop-corn their . my dad says there bad for me but i dont beleive him. i think he is two strect. he tends to overeact to thins like that. i definately beleive that kids shoold be aloud to do wat they want to do no mater wat there parent's think*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name:



## Fractions in Algebra

Join Amani to solve the following

Score:  / 8

- 1) If  $s = 2$ , work out the values of the expressions. Give answers in fractions.

a)  $\frac{1}{s} + \frac{3}{s^2} =$

a)  $\frac{7}{s} - \frac{2}{s^2} =$

- 2) Here is the start of the sequence  $\frac{n}{3}$

- a. What is the next four terms of the sequence.

- b. How many terms in part a) are whole numbers?

- c. Which term will produce  $5\frac{2}{3}$  ?

Name:

## Add and subtract simple algebraic fractions

Omarr wants you to answer the following algebra questions.

Score: /10

1) Write as a single fraction in its simplest form.

a.  $\frac{7x}{10} + \frac{x}{2} =$

b.  $\frac{2x}{3} + \frac{x}{4} =$

c.  $\frac{5x}{6} - \frac{x}{3} =$

d.  $\frac{6x}{7} - \frac{x}{2} =$

e.  $\frac{4x}{5} - \frac{2x}{3} =$

f.  $\frac{3x}{4} + \frac{2x}{5} =$

g.  $\frac{5x}{8} - \frac{4x}{3} =$

h.  $\frac{9x}{11} - \frac{x}{4} =$

2) Make  $u$  the subject of the formula:

$\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$  ;

3) Work out the following.

$\frac{1}{x} + \frac{2}{y} + \frac{3}{z} =$



Name:

MathsFun

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# Algebraic Expressions

Join Jamal to solve the following questions correctly.

Score: / 8

Evaluate the expressions by substituting the values  $a = 5$ ,  $b = -3$ ,  $c = -1$  and  $d = 0$ .

1  $a - b$

2  $bd$

3  $c^2$

4  $3(a - b)$

5  $2c$

6  $2c - b^2$

7  $-3(a - b)$

8  $\frac{bd}{2}$

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

# Numbers in Standard Form

Join Timmy to convert the following into standard form.

Score:    / 8

- 1 Find the answers to the additions, give your answers in standard form.

a.  $(9 \times 10^6) + (8 \times 10^6) =$  \_\_\_\_\_

b.  $(8 \times 10^4) + (9 \times 10^4) =$  \_\_\_\_\_

c.  $(2.5 \times 10^5) + (4.3 \times 10^4) =$  \_\_\_\_\_

d.  $(2.5 \times 10^5) + (3.4 \times 10^6) =$  \_\_\_\_\_

- 2 Find the answers to the subtractions, give your answers in standard form.

a.  $(6.3 \times 10^4) - (5.7 \times 10^3) =$  \_\_\_\_\_

b.  $(6.3 \times 10^{-2}) - (5.7 \times 10^{-3}) =$  \_\_\_\_\_

c.  $(2.5 \times 10^5) - (3.3 \times 10^4) =$  \_\_\_\_\_

- 3 The answer to  $(6 \times 10^8) - (3 \times 10^7)$  can be written in the form  $5.7 \times 10^n$ . Circle the correct value of n.

1

7

8

15



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Name:

## Factorization

Factorize the following algebraic expressions.

Score: \_\_/8

$$3x + 15$$

$$25x^2 - 25x$$

$$75/x - 25/x^3$$

$$q^2 + 2qr$$

$$7z^2 - 28z$$

$$w^2 + 2w/x$$

$$7a^2 + 21a$$

$$9p + 21$$

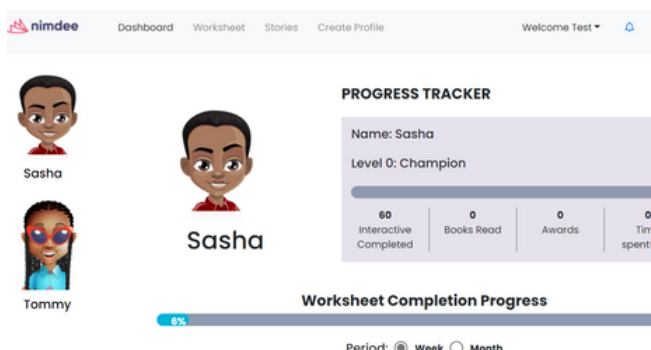
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Name: \_\_\_\_\_

## Grammar Trivia

Lola will be testing your knowledge on different areas of grammar such as prepositions, connectives, superlatives, verbs and nouns.



### Answers

- 1 How many prepositions can you identify from the following passage. Underline each preposition you find.

The heroine in the movie finally found a door. It was hidden **behind** one of the paintings. She quietly turned the handle and went **through** with great trepidation. She felt a cold shiver run down her spine **despite** the heat in the house.

- 2 Which of the following words are connectives? Circle all the connectives

what

reduction

**lastly**

period

**shortly**

why

**whereas**

how

inclusion

comma

**till**

syntax

**so**

grammar

hyphen

**thus**

eventually

caterpillar

**when**

apostrophe

- 3 Can you identify the superlative in the paragraph below? Underline all the superlatives you find.

Ameena thought Timmy was the **fastest** runner she had ever known- much **better** than Jamal. His legs seemed to move much **faster** and he had the **most graceful** running gait she had seen.

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

## Grammar Mission

Timmy is on a mission to improve his grammar and he needs your help to avoid making mistakes.



### Answers

- 1 Help Timmy replace the proper nouns with pronouns in the following sentences

- (i) Chichi and I went shopping but Lola went to the movies with Jamal

We went shopping but she went to the movies with him

- (ii) The pineapple belonged to Omarr but Timmy and Jamal thought it was for Chichi and Lola

The pineapple belonged to him but they thought it was for them

- (iii) Kofi went to visit Habiba in the hospital

He went to visit her in the hospital

- 2 Change this paragraph to the past tense

Chichi giggles as the feather touches her feet. She wants to stop laughing but she just can't seem to stop. She feels she might burst if she tries holding it in.

Chichi giggled as the feather touched her feet. She wanted to stop laughing but she just couldn't seem to stop. She felt she might burst if she tried to hold it in.

Name:

ANSWER

## Mind Your Grammar

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*my favourite book is purple hibiscus because it really like the character kambili i really enjoyed the way that kambili talks about her aunts house and the descrip - tion if the book shells and cury and nutmeg smells. in the story kambili has a elder brother called jaja. i am really looking forward to finishing the book so that i can find out more about what happened when day went home*

My favourite book is Purple Hibiscus because I really like the character Kambili. I really

enjoyed the way Kambili talks about her aunt's house and the description of the

bookshelves and curry and nutmeg smells. In the story, Kambili has an elder brother

called Jaja. I am really looking forward to finishing the book so that I can find out more

about what happened when they went home.

2 Rewrite the following paragraph and correct all spelling and punctuation errors

*i like to go to the cinama on the week-ends and eats lots of pop-corn their . my dad says there bad for me but i dont beleive him. i think he is two strect. he tends to overe - act to thins like that. i definately beleive that kids should be aloud to do wat they want to do no mater wat there parent's think*

I like to go to the cinema on week-ends and eat lots of popcorn there. My dad says they

are bad for me but I don't believe him. I think he is too strict. He tends to overreact to

things like that. I definitely believe that kids should be allowed to do whatever they want

to do, no matter what their parents think.

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



## Fractions in Algebra

Join Amani to solve the following

Score:     / 8

- 1) If  $s = 2$ , work out the values of the expressions. Give answers in fractions.

a)  $\frac{1}{s} + \frac{3}{s^2} =$   $1\frac{1}{4}$

a)  $\frac{7}{s} - \frac{2}{s^2} =$   $3$

- 2) Here is the start of the sequence  $\frac{n}{3}$

$\frac{1}{3}$

$\frac{2}{3}$

$\frac{3}{3}$

$\frac{4}{3}$

- a. What is the next four terms of the sequence.

$\frac{5}{3}$

$\frac{6}{3}$

$\frac{7}{3}$

$\frac{8}{3}$

- b. How many terms in part a) are whole numbers?

 $2$ 

- c. Which term will produce  $5\frac{2}{3}$  ?

 $\frac{17}{3}$

Name:

## Add and subtract simple algebraic fractions - Answer

Omarr wants you to answer the following algebra questions.

Score: /10

1) Write as a single fraction in its simplest form.

a.  $\frac{7x}{10} + \frac{x}{2} = \frac{6x}{5}$

b.  $\frac{2x}{3} + \frac{x}{4} = \frac{11x}{12}$

c.  $\frac{5x}{6} - \frac{x}{3} = \frac{x}{2}$

d.  $\frac{6x}{7} - \frac{x}{2} = \frac{5x}{14}$

e.  $\frac{4x}{5} - \frac{2x}{3} = \frac{2x}{15}$

f.  $\frac{3x}{4} + \frac{2x}{5} = \frac{23x}{20}$

g.  $\frac{5x}{8} - \frac{4x}{3} = \frac{47x}{24}$

h.  $\frac{9x}{11} - \frac{x}{4} = \frac{25x}{44}$

2) Make  $u$  the subject of the formula:

$\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$  ;  $u = \frac{fv}{v-f}$

3) Work out the following.

$\frac{1}{x} + \frac{2}{y} + \frac{3}{z} = \frac{yz + 2xz + 3xy}{xyz}$





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



# Algebraic Expressions

Join Jamal to solve the following questions correctly.

Score: / 8

Evaluate the expressions by substituting the values  $a = 5$ ,  $b = -3$ ,  $c = -1$  and  $d = 0$ .

1  $a - b$

8

5  $2c$

2

2  $bd$

0

6  $2c - b^2$

-11

3  $c^2$

1

7  $-3(a - b)$

-24

4  $3(a - b)$

24

8  $\frac{bd}{2}$

0

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

# Numbers in Standard Form

Join Timmy to convert the following into standard form.

Score:     / 8

- 1 Find the answers to the additions, give your answers in standard form.

a.  $(9 \times 10^6) + (8 \times 10^6) = \underline{1.7 \times 10^7}$

b.  $(8 \times 10^4) + (9 \times 10^4) = \underline{1.7 \times 10^5}$

c.  $(2.5 \times 10^5) + (4.3 \times 10^4) = \underline{2.93 \times 10^5}$

d.  $(2.5 \times 10^5) + (3.4 \times 10^6) = \underline{3.65 \times 10^6}$

- 2 Find the answers to the subtractions, give your answers in standard form.

a.  $(6.3 \times 10^4) - (5.7 \times 10^3) = \underline{5.73 \times 10^4}$

b.  $(6.3 \times 10^{-2}) - (5.7 \times 10^{-3}) = \underline{5.73 \times 10^{-2}}$

c.  $(2.5 \times 10^5) - (3.3 \times 10^4) = \underline{7.02 \times 10^4}$

- 3 The answer to  $(6 \times 10^8) - (3 \times 10^7)$  can be written in the form  $5.7 \times 10^n$ . Circle the correct value of n.

1

7

8

15



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

**ANSWER**

**MathsFun**  
Numbers can be fun too...

## Factorization

Factorize the following algebraic expressions.

Score: \_\_\_\_/8

$$3x + 15$$

$$3(x + 5)$$

$$25x^2 - 25x$$

$$25x(x - 1)$$

$$75/x - 25/x^3$$

$$\frac{25}{x} \left( 3 - \frac{1}{x^2} \right)$$

$$q^2 + 2qr$$

$$q(q + 2r)$$

$$7z^2 - 28z$$

$$7z(z - 4)$$

$$w^2 + 2w/x$$

$$w \left( w + \frac{2}{x} \right)$$

$$7a^2 + 21a$$

$$7a(a + 3)$$

$$9p + 21$$

$$3(3p + 7)$$

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