



## End of Week 5 Assessment

English

Maths

Science

Student Name: yousef Walid 6G

Class:

This assessment allows children to type directly into the PDF document which then can be sent to the class teacher by email or SMS system **by 5pm on Sunday, May 17<sup>th</sup>** .

**THE ASSESSMENTS DO NOT NEED TO BE PRINTED**

\*To answer using PDF, click on the blue squares and type.

**Mathematics**

**1) TRANSLATE EACH VERBAL EXPRESSION INTO AN ALGEBRAIC EXPRESSION BY IDENTIFYING THE MATCHING PART FROM THE BOX**

**ONE HAS BEEN DONE FOR YOU**

$2n + 5$	$7 + x$	$y + 25$	$5w$
$9n$	$z - 15$	$11n$	
$w + 10$	$k/4$	$t - 15$	



5 multiplied by w

$5w$

a) combine y and 25

$y+25$

b) 11 multiplied by n

$11n$

c) The sum of a number x and 7

$7+x$

d) Nine times the number n

$9n$

e) Five more than the product of 2 and n

$2n+5$

f) w increased by 10

$w+10$

g) The number z reduced by 15

$z-15$

h) k divided by 4

$k/4$

i) Subtract 15 from t

$+ -15$

**TRANSLATE EACH VERBAL EXPRESSION INTO AN ALGEBRAIC EQUATION**

a) 10 times p is equal to 50

$$10p=50$$

b) m minus 6 is equal to 10

$$m-6=10$$

c) w divided by 11 gives 6

$$w/11=6$$

d) The sum of e and 9 amounts to 14

$$e+9=14$$

e) The difference between 35 and b gives 15

$$35-b=15$$

**3) FIND THE VALUE OF X IN THE FOLLOWING EQUATIONS**

a)  $18 = 8 + x$

$$10$$

b)  $6x = 24$

$$4$$

c)  $95 = x + 95$

$$0$$

d)  $x + 4 = 19$

$$15$$

e)  $x - 3 = 5$

$$8$$

Science Assignment:

Lesson 4.7 Reducing Friction

**Watch the video+ read lesson 4.7 in the book then answer the questions:**

**A. True or False:**

1. Air resistance on a flying airplane is an example of fluid friction: True
2. Friction occurs in the same direction as the movement: False -
3. Sliding and moving on a polished slide is easy as there is more friction: True
4. Friction is a force that occurs when surfaces are in contact with each other: True
5. Playing on a slide in the garden is an example of fluid friction: False
6. Colouring pencils wear away due to repeated rubbing and friction: false
7. Pouring oil on a surface doesn't affect the friction: False
8. Friction is useful as it helps the driver to control his car while driving: True
9. Rubber soled boots produce less friction while climbing: False
10. Food doesn't stick on non-sticky pans because they produce more friction: True

**B. Choose one answer:**

**1. A bowling ball on a bowling lane is an example of what type of friction?**

- ☒ a. rolling friction      ☐ b. fluid friction      ☐ c. None

**2. Which of the following are types of friction?**

- ☐ a. Rolling      ☐ b. sliding      ☒ c. both a and b

**3. Which statement is Not correct?**

- ☐ a. By reducing the force acting between the 2 surfaces, friction is reduced
- ☐ b. The roughness of the 2 surfaces coming in contact decrease friction
- ☒ c. Ice acts as a lubricant
- ☐ d. None

**4. Why is it important for basketball players to wear shoes with tread when playing?**

- ☐ a. to decrease the force between the player and the floor
- ☐ b. to increase friction between the floor and the player's feet
- ☒ c. to decrease the amount of force needed for the player to move

**5. On which surface will a toy travel the least distance?**

- ☒ a. Carpet
- ☐ b. Polished Wood
- ☐ c. Ice
- ☐ d. Oiled ramp

**6. Which material should be used on a bicycle ramp to increase friction?**

- ☐ a. shiny metal
- ☒ b. rough paper
- ☐ c. smooth wood
- ☐ d. wet plastic

**7. Wheels on a skateboard most likely experience: \_\_\_\_\_**

- ☒ a. Rolling Friction
- ☐ b. Sliding Friction
- ☐ c. Fluid Friction

**8. Friction does not help in: \_\_\_\_\_**

- ☒ a. Putting brakes on vehicles
- ☐ b. stopping vehicles from slipping
- ☐ c. Cooking

**C.1 Mention 3 ways used to reduce friction with examples:**

Make the surface smoother.

Make the object streamlinded.

Reduce the contact between the surface.

2. Ice skate blades are made of metal. Do metals create less or more friction? less friction

3. How does water on the road affect the moving car and braking on a rainy day?

A wet road means there is less friction so the chances of overcom on a rainy day, the braking distance doubles. If you drive too fast, brake or steer harshly then you will risk breaking the adhesion of tyers. Friction is lost and your car slides

**D. Fill in the missing spaces with the words from the balloon:**

Friction gives up grip between two tyres. Friction produces heat

Friction is very useful on our shoes. It stops us sliding across the floor. It's a useful

grip for car surfaces on the road. When skiing on ice, skating we would like

to reduce the amount of friction to make it easier to slide.

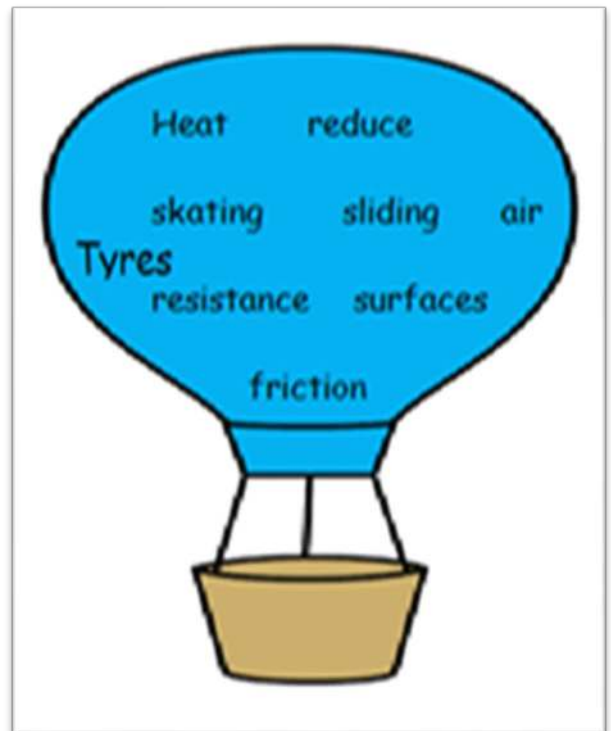
If roads are icy, cars can slip and slide because

there is less friction on ice than on

tarmac.

resistance  
Air ----- is the friction between the

air ----- and objects moving through it.



English Assignment : Unit 17

Read Unit 17 reading passage “Book Reviews” pages 134 and 135, and answer the questions below.

1. Circle the correct meaning of each word.

1. extraordinary	a. normal	b. strange	4. motivated	a. paid them	b. made them want to
2. shrinks	a. gets smaller	b. gets bigger	5. dedicate	a. spend all	b. spend a little bit of
3. recommend	a. suggest	b. don't suggest		their time	time
			6. arduous	a. really easy	b. really hard

2. Who is the author of *Alice's Adventures in Wonderland*?

Lewis Carroll

3. How does Alice get into Wonderland?

Alice jumps up and follows, falls down a rabbit hole into wonderland.

4. Name **three** characters she meets there.

Cheshire Cat

March Hare

Queen of hearts

5. Give an example of a well-known sport that the author of *Sporting Heroes* included in his book.  
Like cricket, football and athletics

6. Who would like to read this book, *Sporting Heroes*, according to the reviewer?  
People who are interested in statistics.

7. In your own words, explain the reviewer's opinion of the book.

To know more about sports and adventures and to have fun reading them

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8. Why do you think the book reviewer of *Alice in Wonderland* doesn't tell the reader what happens at the end of the story?

Because the author wants the people to read more.

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9. Based on the reviews, which of these two books would you prefer to read? Why?  
Alice's adventures in wonderland, because to have fun reading about adventurous.

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10. Define the subject and the predicate.

- a. Many people have favourite authors.

subject	People
predicate	Have favourite authors

- b. A book review gives a reviewer's opinion of the book.

subject	Book review
predicate	gives a reviewer's option of the book

- c. Book reviews can be found in newspapers, magazines and on the internet.

subject	Book review
predicate	can be found in newspaper, magazines and on the Internet