



Subject: Grade 8 Natural Sciences

Topic: Pressure

Total: 32 Marks

Name: _____

Date: _____

This image refers to question: 1



Question 1: Text Input

3 marks

Use two words to answer the question.

What instrument is used to measure the pressure of a gas?

This image refers to question: 2



Question 2: Multiple Choice

4 marks

Where would you normally go to check and adjust the tyre pressure of the tyres on your car?

- | | |
|----------|---------------------|
| A | Pressure shop |
| B | Petrol station |
| C | Laboratory |
| D | Mechanic's workshop |

Question 3: Please Fill In The Blanks

4 marks

When the particles in a container are increased, there will be more (1) and because of the collisions there will be more (2) inside the container.

Possible Answers: pressure | vacuums | concussions | collisions

1		2	
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Question 4: Multiple Choice

4 marks

Gases can be compressed because

- | | |
|----------|--|
| A | you cannot see a gas |
| B | the particles are tiny |
| C | there is high pressure around the particles |
| D | there are large spaces between the particles |
-

Question 5: Please Fill In The Blanks

4 marks

Gas particles move around (1) . Inside a container, gas particles (2) with each other and with the walls of the container.

Possible Answers: slowly | quickly | collide | force

1	<input type="text"/>	2	<input type="text"/>
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Question 6: Text Input

3 marks

Complete the sentence with one word. Only type the missing word.

If you have a deflated balloon and you add enough air pressure to it, it will

Question 7: Text Input

3 marks

Complete the sentence with one word. Only type the missing word.

Pressure really measures the ... exerted on a certain area of a surface.

Question 8: Text Input

3 marks

Answer using two words only.

A force created by gas particles hitting the walls of their container is known as

This image refers to question: 9



Question 9: True/False

2 marks

Look at the picture.

The pressure inside the balloon is high, hence the limp, floppy state of the balloon.

TRUE

FALSE

Question 10: True/False

2 marks

Gases exert pressure outwards.

TRUE

FALSE

Total: 32 Marks