

Y4 Extra Class

Midterm Semester Two Exam Overviews, 2018

English

Resources:

- English Workbook.
- English Class book.

Units and topics for examination:

<u>Unit 5: Go back to the roundabout</u>		
<u>Topics</u>	<u>Vocabulary</u>	
<ul style="list-style-type: none">• Using 'have to', 'has to' and 'had to'• Giving directions• Using 'why' for questions• Using 'because' for answers	roundabout traffic light petrol station turn right turn left go straight on turn right over straight on	read a map go back get lost why because hurry turn left in front of late

Examples of questions that will be used during the examination:

Question

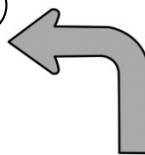
Complete the words.

1



traffic
lights

5



t urn
left

Tick (✓) the correct sentences.

- 1 a Where did Jessica went last night?
b Where did Jessica go last night?
- 2 a They stop at the traffic lights.
b They stopped at the traffic lights.

have to had to has to

Complete the sentences.

- 1 We had to _____ hurry yesterday.
- 2 Melanie has to _____ turn left now.

Match the questions and answers.

- 1 Why are you going to the roundabout?
- 2 Why do we have to hurry?

b

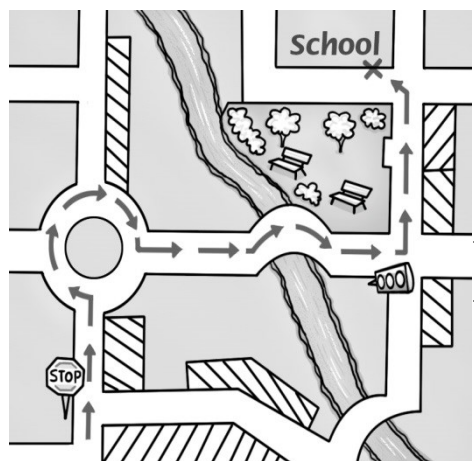


a Because I'm lost.

b

b Because we have to go back.

Choose a place on the map and write directions.



The bus goes straight on down the road. At the roundabout we turn right and go over the bridge. At the traffic lights we turn left. Then we go past the park. The school is in front of the park.

Mathematics

Resources:

- Math Workbook.
- Math Journal.

Units and topics for examination:

<u>Unit 8 & 9: Fractions</u>		
<u>Topics</u>	<u>Vocabulary</u>	
<ul style="list-style-type: none"> • What is a fraction? • What are unit fractions, like fractions and unlike fractions? • What are proper fractions, improper fractions? • What are mixed numbers? • How do we convert fractions? • How do we compare and order fractions? • How do we add and subtract fractions? • What is a fraction of a set? • Word problems 	fraction whole whole number part numerator denominator convert improper fraction mixed number proper fraction express	Like fraction Unlike fraction add subtract simplest form whole number subtract number line greater than smaller than

Examples of Exam Questions

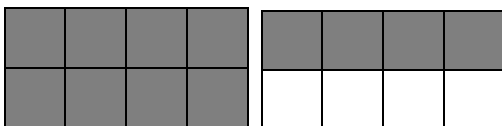
Add or subtract fractions:

1. $\frac{6}{10} + \frac{3}{10} = \frac{9}{10}$

Draw a circle around an improper fraction:

$7\frac{2}{5}$	$\frac{52}{9}$	$\frac{5}{9}$
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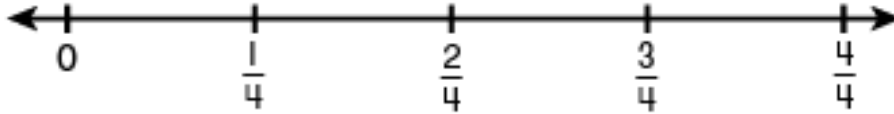
Shade the correct number of squares to show $\frac{12}{8}$.



Mark the correct sentences with a ✓ and mark the incorrect statements with a ✗.

<u>Sentence</u>	<u>✓ or ✗</u>
In a fraction we call the top number the numerator.	✓

Complete the following fraction number line.



Express this fraction in its simplest form:

$$\frac{6}{10} = \frac{2}{5}$$

Answer the word problem by filling in the table below:

Word problem question		
<p>A shopkeeper had 42kg of carrots. She sold $\frac{4}{6}$ of the carrots. How many carrots are left? ?</p> <div style="text-align: center;"> <p>42</p> </div>		
Step 1: Mathematical sentence	Step 2: Calculation	Step 3: Answer in words
$\frac{2}{6}$ of 42kg	6 units = 42 1 unit = $42 \div 6 = 7$ 2 units = $2 \times 7 = 14$	The shopkeeper has 14kg of carrots left.

Science

Resources:

- Science Textbook.
- Science notebook.

Units and topics for examination:

Unit 13: Three states of matter		
Topics	Vocabulary	
<ul style="list-style-type: none"> • <u>Matter</u> <ul style="list-style-type: none"> ➤ Properties of solids, liquids and gases ➤ Air pressure and liquid pressure 	matter solid liquid gas/gases properties air pressure liquid pressure all directions drinking straws dive	atom definite shape no definite shape cannot flow volume flow compress/compressed water jets drinking straws exert

Unit 14: Air

Topics	Vocabulary	
<ul style="list-style-type: none">• <u>Air</u><ul style="list-style-type: none">➤ Properties of air➤ Atmosphere➤ Composition of air	nitrogen oxygen carbon dioxide water vapour atmosphere satellite meteor/meteors cloud/clouds protect Earth trap temperature inflate deflate cool/cooled mass space furthest	stratosphere thermosphere mesosphere exosphere troposphere weather lightning ozone layer harmful layer radiation contract expand heat/heated balloon aircraft surface closest

Unit 15: Water

Topics	Vocabulary	
<ul style="list-style-type: none">• <u>Water</u><ul style="list-style-type: none">➤ Properties of water➤ Water. water, everywhere➤ Quality of water	freezing melting boiling evaporation condensation glacier/glaciers mountains air turbidity	freshwater saltwater ocean/oceans underground river/rivers lake/lakes pond/ponds turbid murky water

Examples of questions that will be used during the examination:

Spelling: Students will be required to listen to a word to fill in the missing letters, unscramble words or look at a picture to spell that word.

Question

Complete the words.



satellite



aircraft

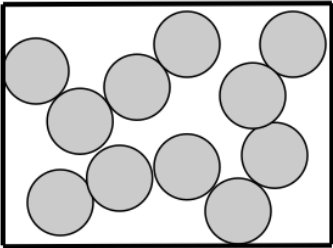
Circle the correct words.

1 About three quarters of the Earth's surface is covered with water/ land.

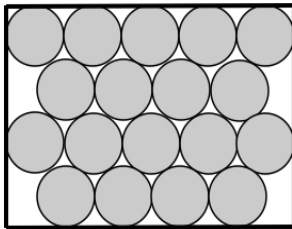
Short answers to questions: These questions may include matching words with correct descriptions, answering true or false and filling in the blanks. In this section students may also be required to complete diagrams from a selection of words provided to them.

There are 3 states of matter. Fill in the blanks.

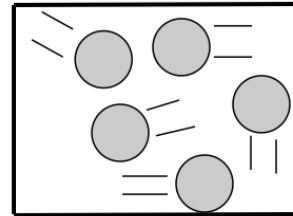
A



B



C



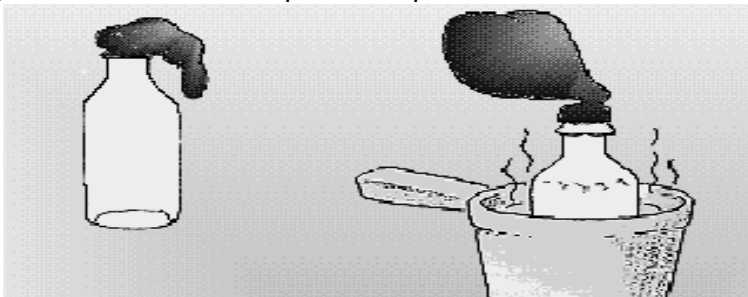
Picture A shows particles in a liquid

Complete the table. Use the words from the box.

freezing	melting	boiling
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Water turns from a liquid into a gas.	boiling
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When air is heated, it can expand and occupies more space. When air cools, it contracts and occupies less space.



Write the words.

table	steam	juice	water vapour	coffee
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1 It has a fixed volume, fixed shape and cannot be compressed. table

What will happen to the balloon if it is placed under hot air?

Write a question.

The following sentence is an **answer** to a question:

Salt water can be found in the ocean or sea.

On the line below, try your best to write a **question** for the answer sentence above.

Where can you find salt water on Earth?

The balloon will inflate because

Read.

se air expands and occupies more space when heated. _____

Social Studies

Resources:

- Social Studies Textbook.
- Social Studies Notebook (class discussions and note taking during class).

Units and topics for examination:

Unit 3: Economics		
Social Studies Textbook:		
Topics	Vocabulary	
<ul style="list-style-type: none"> • <u>Money in economy</u> <ul style="list-style-type: none"> ➤ Four functions of money • <u>Consumer's rights</u> <ul style="list-style-type: none"> ➤ Four basic consumer's rights • <u>Goods and services</u> <ul style="list-style-type: none"> ➤ Needs ➤ Wants ➤ Producers ➤ consumers ➤ Government sector ➤ Private sector 	<ul style="list-style-type: none"> government consumer trade goods services needs wants loan currency police protection coupon price exchange parks survive restaurants shops private sector 	<ul style="list-style-type: none"> interest rate right to safety right to choose right to be informed right to be safe tax/taxes tolls road repairs traffic lights street signs income advertising piggy bank business/businesses zoo/zoos hairdressers bank cinema

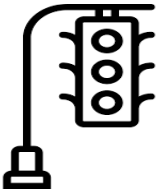
	government sector budget store of value standard of deferred payment credit card propaganda barter cash producer	shelter dollar wild animals medium of exchange measure of value quality satisfy/satisfaction double coincidence sufficiency economy hazardous consumer
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Examples of questions that will be used during the examination:

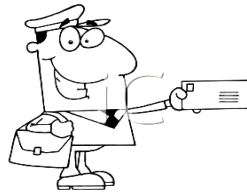
Spelling: Students will be required to listen to a word to fill in the missing letters, unscramble words or look at a picture to spell that word.

Question

Complete the words.



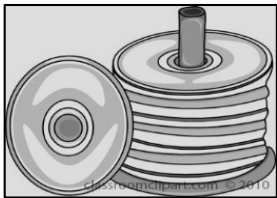
Traffic_ lights



_Mail

Short answers to questions: These questions may include matching words with correct descriptions, answering true or false and filling in the blanks. In this section students may also be required to complete diagrams from a selection of words provided to them.

Group the following goods and services to the correct sector.



Goods	Services
CD's	fire fighter

Read the following situations and write down how money is used.

Medium of exchange	Measure of value
Standard of deferred payment	Store of value



Mr. Stuart went to Central last week. He saw a mobile phone that he liked. He paid \$1000 in cash for it.

Medium of exchange.

Fill in the blanks. Choose the words from the box.

The right to safety	The right to choose	The right to be heard
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1 _____: Consumers are protected against goods that are dangerous to health or life.

Read and write **T** (true) or **F** (false).

Some goods and services are provided by the government to their citizens. Examples of these goods and services are garbage collectors, mail, police protection, road repairs, zoos, parks, street signs and traffic lights. The government uses tax to pay for these goods and services. Tax is money paid by people and businesses to the government.

The private sector is made up of small businesses and companies that are not paid for by the government. Some examples of these goods and services are shops, restaurants, banks, cinemas and hairdressers (hair cut).

1 The government uses tax to pay for parks, road repairs and garbage collectors. T

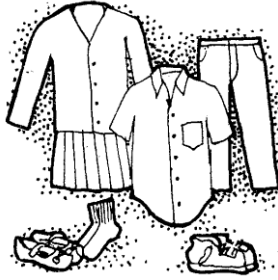
Look at these pictures.

1



game

2



clothes

Which picture is a need? Explain your reasons why.