

TIVITAILS EDUCATION

ISEE Practice Test
Lower Level

How to Take This Practice ISEE

The ISEE consists of 4 multiple-choice sections and one writing sample. In total, the test will take you about 2.5 hours to complete.

Here is a breakdown of the sections and the time allotted for each.

Section	# of Questions	Time Allotted
Verbal Reasoning	34 questions	20 minutes
Quantitative Reasoning	38 questions	35 minutes
Reading Comprehension	25 questions	25 minutes
Mathematics Achievement	30 questions	30 minutes
Essay	1 prompt	30 minutes

This means that before you begin, you need to do the following:

1. Inform your parents and any other family members that you are beginning your ISEE practice test so that they do not interrupt you.
2. Go to a quiet place or room where there is a desk, a comfortable chair, and where you are able to focus. Your bedroom is not a good choice, since there are too many distractions. A dining room table or a study room/office are both good ideas.
3. Do NOT bring your phone or any other electronic devices with you that may be a distraction or a temptation. Remember, you are NOT allowed to use any aids, including calculators and dictionaries.
4. Be sure to give yourself two scheduled breaks – one following the Quantitative Reasoning section and another following the Mathematics Achievement section. Each break should be 5 minutes long.
5. Before beginning the test, make sure you use the washroom, take some deep breaths, and have a quick drink or a healthy snack.
6. Have a parent or another adult time you while taking the test. A stopwatch or egg timer are both good ideas. Have your parent (or other timing person) notify you when you have 10 minutes left in a section, 5 minutes left in a section, 2 minutes left in a section and then when time has ended.

What Materials Do I Need for this Exam?

You will need to have the following materials prepared before writing this exam:

- 3 sharpened lead pencils
- an eraser
- two black or blue ink pens
- a stop watch or egg timer (a clock will also suffice if that's all that is available)

Do NOT bring any of the following: calculators, dictionaries, rulers, phones, computers or other electronic devices.

How do I score my ISEE?

A few notes on how the ISEE is scored:

- All ISEE questions are all equal in value
- The writing sample (the essay) is NOT scored; a copy of it is sent to all the schools to which your son/daughter is applying
- Unlike the SSAT, the raw score is determined by the number of questions answered correctly. There is no “wrong answer” penalty. That means students should always guess and never leave a question blank.

The ISEE provides students with a scaled score (a raw score converted into a scaled score between 760 and 940) and a percentile score.

Final Tips

Follow the directions exactly. Read all questions carefully and check your answer choices before you make your decision.

Record your answers clearly and accurately.

Pace yourself. Don't spend too much time on one question, and don't speed through carelessly. If you get stuck on a question, skip it and return to it later if you have time.

If in doubt, make an educated guess.

Alright, that's it. Now, take a deep breath, relax... and good luck!

VERBAL REASONING

Time: 20 mins.

34 questions

SYNONYMS

Each of the following questions consists of one word followed by five words or phrases. You are to select the word or phrase whose meaning is closest to the word in capital letters.

SAMPLE QUESTION:

EASY:

- a.) **effortless**
- b.) difficult
- c.) abstract
- d.) ready

1.) RAPID

- a.) diminish
- b.) refer
- c.) rabid
- d.) fast

2.) DETAILED

- a.) overview
- b.) devilish
- c.) thorough
- d.) giddy

3.) RESENTMENT

- a.) hatred
- b.) argument
- c.) concern
- d.) warn

4.) ARGUE

- a.) applaud
- b.) quibble
- c.) fail
- d.) excuse

5.) PORTRAY

- a.) hurt
- b.) promise
- c.) whirl
- d.) depict

6.) BELITTLE

- a.) miniscule
- b.) grandiose
- c.) put down
- d.) fall apart

7.) VERIFY

- a.) calm down
- b.) contradict
- c.) prove true
- d.) verbose

8.) WEARY

- a.) dreary
- b.) weak
- c.) burly
- d.) altitude

9.) ALIEN

- a.) local
- b.) resident
- c.) foreign
- d.) ally

10.) HAUGHTY

- a.) royalty
- b.) arrogant
- c.) disheveled
- d.) humble

11.) BENIGN

- a.) harmless
- b.) fatal
- c.) immortal
- d.) shoulder

12.) INTROSPECTIVE

- a.) menacing
- b.) crude
- c.) photographic
- d.) thoughtful

13.) AWE

- a.) cuddly
- b.) wonder
- c.) quenching
- d.) captivity

14.) PRY

- a.) scurry
- b.) collection of heirlooms
- c.) struggle to open
- d.) primitive

15.) ELEVATE

- a.) raise
- b.) mechanical
- c.) cloudy
- d.) side-by-side

16.) PRICELESS

- a.) frugal
- b.) beyond range
- c.) affordable
- d.) having great value

17.) CATASTROPHE

- a.) miracle
- b.) punctuation
- c.) trophy
- d.) calamity

SENTENCE COMPLETION

Each of the following questions consists of a sentence with one or two words missing followed by five possible answer choices. You are to select the word or group of words whose meaning best completes the sentence.

SAMPLE QUESTION:

Since Carla did not _____ her notes or her textbook, she felt very worried going into her exam.

- a.) study
- b.) remember
- c.) listen
- d.) follow

1.) Washing her hands each time she got a bit of glue or paint on them during Arts & Crafts, I noticed Maggie seemed quite _____ about getting her hands dirty or sticky.

- a.) fastidious
- b.) morose
- c.) enjoyable
- d.) capable

2.) Bacteria is so _____ it cannot be seen with the human eye but requires sophisticated equipment, like a microscope.

- a.) colossal
- b.) monochromatic
- c.) miniscule
- d.) rampant

3.) Normally the fierce warrior would have accepted the challenge, but he _____ for the safety of his tribe.

- a.) demurred
- b.) assail
- c.) grit
- d.) pried

4.) Pierre was _____ to arise before dawn but after a long, harrowing night driving home through the storm, he slept in.

- a.) unlikely
- b.) wont
- c.) effervescent
- d.) incapable

5. In preparation for the surprise birthday party, the room was _____ with balloons and streamers.
- a.) mottled
 - b.) barrage
 - c.) jovial
 - d.) festooned
6. My professor told me I could be more _____ in my writing by removing all superfluous details.
- a.) traditional
 - b.) meandering
 - c.) robust
 - d.) succinct
7. The skydiver made sure to check the _____ of his parachute to ensure it was strapped on securely before he jumped out of the airplane.
- a.) altitude
 - b.) harness
 - c.) tonsil
 - d.) contusion
8. The teacher _____ the students' soccer ball during the fight and told them they could retrieve it after visiting the principal's office.
- a.) cavalcade
 - b.) challenged
 - c.) confiscated
 - d.) cordon
9. *Lord of the Flies* is a novel about a group of schoolboys whose plane was shot down over the Pacific Ocean and they became _____ on a deserted island.
- a.) harvested
 - b.) marooned
 - c.) truce
 - d.) charitable
10. The slick businessman tried to _____ the shopkeepers into selling their businesses to his company so that he could build a large shopping plaza in their place.
- a.) cajole
 - b.) eradicate
 - c.) muffle
 - d.) harpoon

11. The criminals were sentenced for their crimes 20 years ago and are still _____ in a maximum-security prison.

- a.) grappling
- b.) marketing
- c.) languishing
- d.) embroidering

12. The geese began to honk and flap their wings wildly at each other as they _____ over the breadcrumbs being tossed their way.

- a.) cajoled
- b.) enlightened
- c.) mourned
- d.) squabbled

13. The two-hour delay on the tarmac, twelve-hour confinement on the plane, and incessant crying of infants on the flight made it a _____ journey.

- a.) fearsome
- b.) chipper
- c.) weary
- d.) callous

14. The squash player aggressively smacked the ball against the wall and it _____ back towards his opponent.

- a.) ricocheted
- b.) muddled
- c.) adhered
- d.) coincidentally

15. As the sorcerer had _____ many years ago, the princess fell into a deep sleep and was only awakened by the kiss of true love.

- a.) coincided
- b.) foretold
- c.) promoted
- d.) spellbound

16. I will not _____ my diet despite the seductive aroma of freshly baked cookies coming from the kitchen.

- a.) mirage
- b.) forsake
- c.) encapsulate
- d.) festoon

17. The subdued black-and-white photographs of the elderly couple were starkly _____ with the vibrant colour images of the laughing children.

- a.) demised
- b.) itemized
- c.) confiscated
- d.) juxtaposed

STOP

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QUANTITATIVE REASONING

Time: 38 mins.

35 questions

1.) If $Y - 6 = 8$, then $Y + 6 =$

- a.) 8
- b.) 14
- c.) 18
- d.) 20

2.) If 5 CDs cost \$70, how much does one CD cost?

- a.) \$14
- b.) \$16
- c.) \$18
- d.) \$20

3. John scored 74%, 80%, and 86% on three math tests. What was his average score?

- a.) 78%
- b.) 82%
- c.) 80%
- d.) 84%

4. What is 37.4 rounded to the nearest 10?

- a.) 40
- b.) 38
- c.) 37
- d.) 30

5.) $10 + 20 =$

- a.) 5×4
- b.) $20 - 10$
- c.) 10×3
- d.) $20 \div 10$

6. Which of the following is true?

- a.) $413.86 > 431.99$
- b.) $32095 < 34925$
- c.) $125 > 215$
- d.) $918567 < 909868$

7. $15 + (20 - 10) =$

- a.) $8 + 17$
- b.) $20 - 15$
- c.) $30 - 15$
- d.) $30 - 10$

8. One thousand + four hundred + five + three tenths + six thousandths =

- a.) 1450.306
- b.) 1405.036
- c.) 1405.360
- d.) 1405.306

9. Kristen drives 300km in 4 hours. What is her average speed?

- a.) 90 km/hr
- b.) 80 km/hr
- c.) 75 km/hr
- d.) 70 km/hr

10. The sum of three consecutive even numbers is 216. What is the smallest number?

- a.) 68
- b.) 70
- c.) 72
- d.) 74

11. Shannon has run 28 kilometres of a marathon but still has $\frac{1}{3}$ remaining. How long is the marathon?

- a.) 35 km
- b.) 40 km
- c.) 42 km
- d.) 45 km

12. Jonathan wants to buy 4 pieces of gum for each of his 5 friends. If each pack of gum contains 6 pieces, how many packs must he buy?

- a.) 3
- b.) 4
- c.) 5
- d.) None of the above

13. $(20 + 5) \times 2 + (4 \times 3) =$

- a.) 42
- b.) 52
- c.) 62
- d.) 102

14. A rectangle has a length of 5 cm and a width of 7 cm, what is its area?

- a.) 24 cm
- b.) 24 cm^2
- c.) 35 cm
- d.) 35 cm^2

15. A class of 23 students is gathering \$10 from each student to buy a class pet. How much money do they have in total?

- a.) \$2300
- b.) \$230
- c.) \$115
- d.) \$23

16. $\frac{1}{3} + \frac{1}{2} + \frac{1}{4} =$

- a.) $\frac{13}{12}$
- b.) $\frac{12}{13}$
- c.) $\frac{3}{4}$
- d.) $\frac{2}{3}$

17. A tire has a diameter of 20 cm. Approximately, what is its circumference?

- a.) 33 cm
- b.) 63 cm
- c.) 330 cm
- d.) 1200 cm

18. A hockey stick weighs 0.6 kg. How much do 5 hockey sticks weigh?

- a.) 2.5 kg
- b.) 2.6 kg
- c.) 3.2 kg
- d.) 3.0 kg

19. A lottery gives away 10 prizes. If 1000 tickets are sold, what is the probability of winning?

- a.) 0.1%
- b.) 1%
- c.) 5%
- d.) 10%

20. Which pair of fractions is equivalent?

- a.) $\frac{2}{3} : \frac{3}{4}$
- b.) $\frac{2}{8} : \frac{1}{3}$
- c.) $\frac{6}{10} : \frac{3}{5}$
- d.) $\frac{9}{10} : \frac{39}{40}$

21. Martina scored 80% on a science test by answering 32 questions correct. If Sean got 30 questions correct on his test, what was his score?

- a.) 75%
- b.) 70%
- c.) 65%
- d.) 60%

22. Jessica is buying tickets to the hockey game. 3 tickets cost \$150 but buying a fourth ticket at the same price will result in a 20% discount off the total. What is the final price for buying 4 hockey tickets?

- a.) \$150
- b.) \$160
- c.) \$175
- d.) \$200

23. A rectangle with a width of 6 cm has a perimeter 34 cm. What is its area?

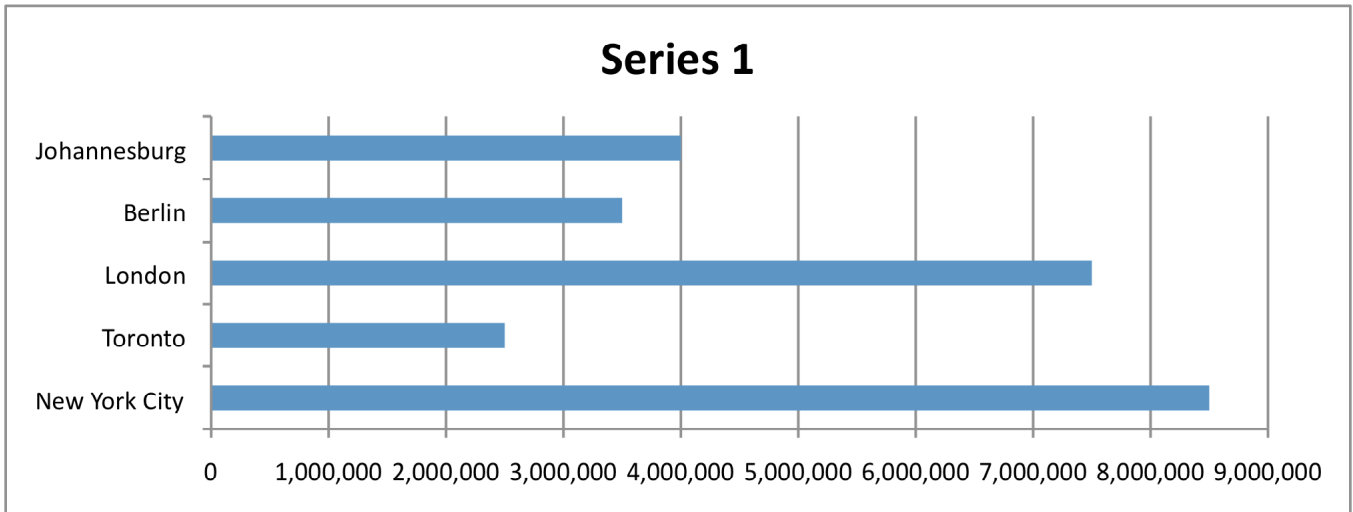
- a.) 34 cm^2
- b.) 60 cm^2
- c.) 66 cm^2
- d.) Cannot be determined.

24. What is the **median** test score from the following class?

Name	Test Score
Matilda	83
Toby	72
Matthew	91
Kate	93
Ryan	64
Sonya	87
Lance	87
Coretta	83
Ally	76
Ricardo	74
Wendy	81

- a.) 81
- b.) 83
- c.) 85
- d.) 87

25. What is the population difference between the biggest city and the third biggest city?



- a.) 5,000,000
- b.) 4,500,000
- c.) 4,000,000
- d.) 1,000,000

26. Two angles of a triangle measure 25 and 75. What is the measure of the third angle?

- a.) 50
- b.) 60
- c.) 70
- d.) 80

27. Farmer Brown has 6 horses and 8 sheep. What is the ratio of horses to animals?

- a.) 8:6
- b.) 3:7
- c.) 6:8
- d.) 8:14

28. On a map, 1 centimetre represents 20 kilometres. The distance between two cities is 7.5 centimetres. How many kilometres apart are the two cities?

- a.) 7.5
- b.) 15
- c.) 140
- d.) 150

29. Lorraine is three times older than her son. If the difference between their ages is 30 years, then how old is her son?

- a.) 10
- b.) 12
- c.) 14
- d.) 15

30. Of the following fractions, which is less than $\frac{2}{3}$?
- a.) $\frac{3}{4}$
 - b.) $\frac{4}{5}$
 - c.) $\frac{3}{6}$
 - d.) $\frac{7}{8}$
31. Over the course of a week, Aiden spent \$31.64 on lunch. What was the average cost per day?
- a.) \$3.81
 - b.) \$4.52
 - c.) \$5.27
 - d.) \$6.33
32. If $2x = 4x - 12$, then $x + 5 =$
- a.) 5
 - b.) 6
 - c.) 11
 - d.) 15
33. What is the median of the following list of numbers: 1, 3, 4, 4, 4, 6, 7, 8, 8
- a.) 1
 - b.) 4
 - c.) 5
 - d.) 6
34. What is 6723.1435 rounded to the nearest hundredth?
- a.) 6700
 - b.) 6723.143
 - c.) 6723.144
 - d.) 7000
35. The carnival came to town for 5 days. The number of visitors doubled each day. If the festival had 235 visitors on the opening day, what was the attendance on closing day?
- a.) 1175
 - b.) 2350
 - c.) 3760
 - d.) 7520

36. z is a positive integer. Which is the greater quantity?

i) $6z + 7 + 5z + 3$

ii) $4 + 10z + z + 5$

- a.) (i) and (ii) are equal
- b.) (i) is greater
- c.) (ii) is greater
- d.) it is impossible to determine from the information given

37. Which of the following is equivalent to $6b$?

a.) $3 + 3b$

b.) $3b^2$

c.) $b + 5b$

d.) $36 / 6$

38. p is a positive integer. Which is the greater quantity?

iii) $9 - 3 + 6p + 1 + 5p$

iv) $7p + 10 + 4p - 2 - 1$

- a.) (i) and (ii) are equal
- b.) (i) is greater
- c.) (ii) is greater
- d.) it is impossible to determine from the information given

STOP

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READING COMPREHENSION

Time: 25 mins.

25 questions

Every season has its own peculiar rains. What can be more refreshing or invigorating than the showers of spring? When the snows of February have disappeared, and the blustering winds of March have performed their office of drying up the excess of moisture, and preparing the earth for fruitfulness, and when the young buds and blossoms of April are peeping forth beneath the influence of the sun, and the trees and hedges are attired in their new robes of tender green, how soon would all this beauty languish but for the showers of spring! Several dry days, perhaps, have passed, and the wreaths of dust which are raised by the wind show that the earth wants moisture; but before a drop falls there is a general lull throughout all nature; not a leaf is heard to rustle; the birds are mute and the cattle stand in expectation of the refreshing fall.

Rapidly does the landscape brighten under the influence of the welcome shower; and as it becomes more rich and extensive, all nature seems to rise up and rejoice. The birds chirp merrily among the foliage; the flowers raise their drooping heads, and the thirsty ground drinks in with eager haste the mellowing rains. All day long, perhaps, does the rain continue to fall, until the earth is fully moistened and "enriched with vegetable life." At length, towards evening, the sun peeps out from among the broken clouds, and lights up, by his sudden radiance, the lovely scene. Myriads of rain-drops sparkle like gems beneath his beams; a soft mist that seems to mingle earth and sky gradually rolls away, and "moist, and bright, and green, the landscape laughs around." Now pours forth the evening concert from the woods, while warbling brooks, and lowing herds, appear to answer to the sound. Such are some of the delightful effects of spring-showers.

- 1.) The author's primary purpose in this passage is to:
 - a.) compare the different seasons
 - b.) describe the effects and beauty of spring showers
 - c.) announce the arrival of spring
 - d.) emphasize the importance of rain

- 2.) As used in line 6, the word "languish" most closely means:
 - a.) disappear
 - b.) multiply
 - c.) grow
 - d.) be forgotten

- 3.) Based on the passage, before a spring shower:
 - a.) birds chirp loudly
 - b.) winds begin to bluster
 - c.) nature is very quiet
 - d.) they sky becomes very dark

- 4.) One way to tell that the earth needs moisture is when:
- a.) dust swirls around on a windy day
 - b.) flowers appear fresh and sprightly
 - c.) a mist hovers in the sky
 - d.) cattle stand motionless
- 5.) The phrase "the thirsty ground drinks in with eager haste" means the:
- a.) ground is dehydrated
 - b.) earth quickly absorbs the water
 - c.) rain shower is very heavy
 - d.) soil is in need of rain and fertilizer
- 6.) This passage would most likely appear in a book titled:
- a.) Typhoons, Monsoons and Hurricanes
 - b.) Rainy Day Blues
 - c.) Nature's Wonders
 - d.) The Water Cycle

Columbus was the first European who set foot in the new world which he had discovered. He landed in a rich dress, and with a naked sword in his hand. His men followed, and kneeling down, they all kissed the ground which they had so long desired to see. They next erected a crucifix, and prostrating themselves before it, returned thanks to God for conducting their voyage to such a happy issue. They then took solemn possession of the country for the crown of Castile and Leon, with all the formalities which the Portuguese were accustomed to observe in act of this kind in their new discoveries.

The Spaniards while thus employed were surrounded by many of the natives, who gazed in silent admiration upon actions which they could not comprehend, and of which they did not foresee the consequences. The dress of the Spaniards, the whiteness of their skins, their beards, their arms, appeared strange and surprising. The vast machines in which they had traversed the ocean, that seemed to move upon the waters with wings, and uttered a dreadful sound resembling thunder, accompanied with lightning and smoke, struck them with such terror, that they began to respect their new guests as a superior order of beings, and concluded that they were children of the sun, who had descended to visit the earth.

- 7.) The best title for this passage is:
- a.) The Discovery of the New World
 - b.) Befriending the Natives
 - c.) The Children of the Sun
 - d.) Traversing the Mighty Sea

- 8.) It can be inferred from the passage that Columbus and his crew:
- a.) suffered from scurvy
 - b.) had been at sea for a long time
 - c.) did not know where they had landed
 - d.) feared the Natives
- 9.) The Spaniards appeared strange to the Natives primarily because of their:
- a.) mode of transportation
 - b.) customs
 - c.) accent
 - d.) appearance
- 10.) According to the passage, the first thing Columbus did when he arrived on land was:
- a.) erect a crucifix
 - b.) dance for joy
 - c.) kiss the ground
 - d.) barter with the Natives
- 11.) The author suggests that the Natives had no way of knowing that:
- a.) the arrival of the Spaniards would bring much undesired change
 - b.) Columbus and his crew did not speak their language
 - c.) it was customary to shake hands when meeting someone for the first time
 - d.) the Spaniards were in search for gold and precious stones
- 12.) As used in line 9, the word "comprehend" most closely means:
- a.) observe
 - b.) deliver
 - c.) understand
 - d.) imitate

The naked mole rat is a rodent native to parts of East Africa. This furless creature is also known as the sand puppy or desert mole rat. Much of its life is spent burrowing underground and winding its way through a system of tunnels, since it is unable to regulate its own body temperature. By burying itself in the sand, the naked mole rat escapes the heat of the sun and so protects itself from overheating and dehydration.

The mole rat's body is built for digging. His eyes are very small and his eyesight is very poor. His legs are thin and short, allowing him to move quickly and easily, both forwards and backwards, while underground. It is his sharp, protruding teeth, however, that make him well suited for this work. Unlike most animals, this rodent is able to control the movements of his front teeth. When necessary, he can use his teeth like a pair of chopsticks: spreading them apart and bringing them back together.

Mole rats are social creatures and live in communities. What is most fascinating about their social structure, however, is that each rodent has a different "job." Larger, more robust mole rats are responsible for the protection of the others; smaller mole rats are assigned the task of digging the tunnels to expand their underground tunnel system. This method of organization according to size is unique to this shady, desert-dweller.

- 13.) The main idea of the passage is to:
- a.) suggest that the mole rat should be renamed the "digger" rat
 - b.) give a general overview of the naked mole rat
 - c.) describe the physical appearance of the naked mole rat
 - d.) account for the odd social behaviours of rodents
- 14.) The author compares the mole rat's front teeth to:
- a.) scissors
 - b.) chopsticks
 - c.) tweezers
 - d.) toothpicks
- 15.) It can be inferred from the passage that the mole rat does not need to have good eyesight because:
- a.) there is little to see in East Africa
 - b.) he spends most of his time in the dark
 - c.) the sand would constantly irritate his eyes
 - d.) mole rats do not have any predators from which they need to escape
- 16.) All of the following assist the naked mole rat in digging EXCEPT:
- a.) his teeth
 - b.) his body
 - c.) his legs
 - d.) his tail
- 17.) The naked mole rat is also known as:
- a.) king of the chopsticks
 - b.) the sharp tooth weasel
 - c.) the tunnel maker
 - d.) the sand puppy
- 18.) Which of the following is the author most likely to discuss next?
- a.) The diet of the naked mole rat
 - b.) The relationship between mole rats and aardvarks
 - c.) The peculiar features of other rodents
 - d.) The similarities between lemmings and mole rats.

You never can tell when you send a word,
Like an arrow shot from a bow
By an archer blind, be it cruel or kind,
Just where it may chance to go.
It may pierce the breast of your dearest friend,
Tipped with its poison or balm;
To a stranger's heart in life's great mart
It may carry its pain or its calm.

You never can tell when you do an act
Just what the result will be;
But with every deed you are sowing a seed,
Though the harvest you may not see.
Each kindly act is an acorn dropped
In God's productive soil;
You may not know, but the tree shall grow,
With shelter for those who toil.

You never can tell what your thoughts will do
In bringing you hate or love;
For thoughts are things, and their airy wings
Are swifter than carrier dove.
They follow the law of the universe:
Each thing must create its kind;
And they speed o'er the track to bring you back
Whatever went out of your mind.

By Ella Wheeler Wilcox

19.) The best title for this poem is:

- a.) Unexpected Moments
- b.) The Power of Words
- c.) You Never Can Tell
- d.) Advice From A Grandparent

20.) The poet's primary purpose is to:

- a.) reflect on the importance of education
- b.) explain why there is so much sadness in the world
- c.) encourage people to be aware of their thoughts and actions
- d.) warn people about the dangers of gossiping

- 21.) The poet would most likely agree with which of the following statements?
- a.) Swords are more dangerous than words.
 - b.) Kind acts are very rare.
 - c.) Words are powerful and should therefore be chosen carefully.
 - d.) Good things happen when they are least expected.
- 22.) The poet compares acts to:
- a.) poison
 - b.) seeds
 - c.) wings
 - d.) soil
- 23.) According to the poet, thoughts:
- a.) determine your mood
 - b.) come and go quickly
 - c.) are a lot like dreams
 - d.) are always positive
- 24.) As used in line 16, the word "toil" most closely means:
- a.) escape
 - b.) forget
 - c.) believe
 - d.) suffer
- 25.) Throughout the poem, the poet gives:
- a.) advice
 - b.) hope
 - c.) support
 - d.) warnings

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MATHEMATICS ACHIEVEMENT

Time: 30 mins.

30 questions

1. Kaitlin purchased a car making a down payment of \$4,650 and six monthly payments of \$275. How much has she paid so far for the car?

- a.) \$6,300
- b.) \$4,925
- c.) \$4,000
- d.) \$1,650

2. Nikita spent a total of \$8.85 on lunch on Monday and Thursday. On Tuesday and Wednesday, she spent \$4.23 each day for lunch. On Friday, she spent \$3.99 on a meal. What was her average daily cost?

- a.) \$3.41
- b.) \$3.99
- c.) \$4.26
- d.) \$5.50

3. What is the next number in the following pattern? 1, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$, _____

- a.) $\frac{1}{10}$
- b.) $\frac{1}{12}$
- c.) $\frac{1}{14}$
- d.) $\frac{1}{16}$

4. Jayden arrived at work at 8:45 a.m. and left at 9:45 p.m. He is paid at an hourly rate of \$12, and time and a half for any hours worked over an 8-hour day. How much did Jayden get paid?

- a.) \$96.00
- b.) \$156.00
- c.) \$186.00
- d.) \$234.00

5. Which whole number is divisible by 7 without a remainder?

- a.) 3024
- b.) 3026
- c.) 3027
- d.) 3028

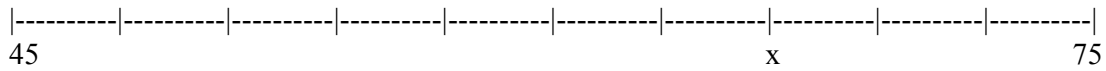
6. 21% is the same as:

- a.) 2.1
- b.) 0.21
- c.) 0.021
- d.) 0.0021

7. What is 0.1 as a fraction?

- a.) $\frac{1}{2}$
- b.) $\frac{1}{5}$
- c.) $\frac{1}{10}$
- d.) $\frac{1}{100}$

8. Find the value of x.



- a.) 52
- b.) 60
- c.) 66
- d.) 72

9. A gift box measures 12 cm x 18 cm x 15 cm. What is the volume?

- a.) 45 cm^3
- b.) 270 cm^3
- c.) 2680 cm^3
- d.) 3240 cm^3

10. What is the least common multiple of 5 and 6?

- a.) 11
- b.) 30
- c.) 56
- d.) 60

11. A school assembly had 300 students and 30% of them were in the sixth grade. How many sixth graders were at the assembly?

- a.) 30
- b.) 75
- c.) 90
- d.) 100

12. A triangle has angles measuring 32° , 43° and 105° . What kind of triangle is it?

- a.) obtuse
- b.) acute
- c.) right
- d.) equilateral

13. Which number is a factor of 24?

- a.) 1
- b.) 5
- c.) 10
- d.) 12

14. 36 minutes + 1 hour 44 minutes = ____ hours ____ minutes

- a.) 2 hours 10 minutes
- b.) 2 hours 20 minutes
- c.) 2 hours 30 minutes
- d.) 2 hours 40 minutes

15. A box contains 32 markers that are packaged into groups of 4. If m represents the number of packages in a box, which equation would tell you how many packages are in the box?

- a.) $m = 32 / 4$
- b.) $32 \times m = 4$
- c.) $m - 4 = 32$
- d.) $4 + m = 32$

16. The table shows the results of the number of visitors to the zoo's animal exhibits. The zoo plans on providing new observation decks to the two most popular animal exhibits at the end of the year.

POPULAR ANIMAL EXHIBITS

Animal	Number of Visitors
Pandas	6549
Lions	6398
Gorillas	8762
Rhinos	5819

Which two animal exhibits will receive new observation decks?

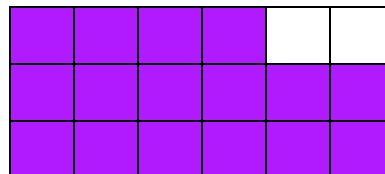
- a.) pandas and lions
- b.) pandas and gorillas
- c.) lions and gorillas
- d.) gorillas and rhinos

17. If four backpacks cost \$67.68 altogether, how much does each backpack cost?

- a.) \$17.00
- b.) \$16.92
- c.) \$16.58
- d.) \$15.80

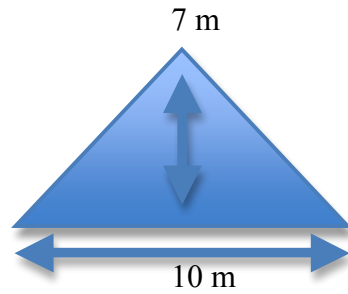
18. Write as a fraction in simplest form:

- a.) $4/3$
- b.) $3/4$
- c.) $8/9$
- d.) $16/18$



19. 26 of 131 flowers in the garden are pink. How many flowers are not pink?
- a.) 38
 - b.) 100
 - c.) 104
 - d.) 105
20. Maia bought 3 cases of pencils. Each case contains 8 boxes of pencils and there are 15 pencils in a box. How many pencils did Maia buy altogether?
- a.) 80
 - b.) 120
 - c.) 240
 - d.) 360
21. What is 13.52×4.8 rounded to the nearest tenth?
- a.) 65
 - b.) 64.9
 - c.) 64.89
 - d.) 64.8
22. Which of the following is not a fraction equivalent to $\frac{4}{5}$?
- a.) $\frac{22}{88}$
 - b.) $\frac{36}{45}$
 - c.) $\frac{84}{105}$
 - d.) $\frac{160}{200}$
23. Emika bought a dozen different types of donuts. She randomly selected three to give to her neighbours. What is the probability that the first donut she selected was a Chocolate Sprinkle donut?
- a.) $\frac{0}{12}$
 - b.) $\frac{1}{12}$
 - c.) $\frac{3}{12}$
 - d.) it is impossible to determine from the information given
24. A car costs \$16,960, which is 20% off the original price. What was the original price?
- a.) \$4,240
 - b.) \$18,960
 - c.) \$21,200
 - d.) \$22,613

25. What is the area of the triangle?



- a.) 17 m^2
- b.) 24 m^2
- c.) 35 m^2
- d.) 70 m^2

26. If an angle measures 45° , then how many more degrees need to be added to make it a straight angle?

- a.) 45°
- b.) 55°
- c.) 135°
- d.) 315°

27. Two angles of a triangle measure 61° and 37° . What is the measure of the third angle?

- a.) 82°
- b.) 89°
- c.) 102°
- d.) 262°

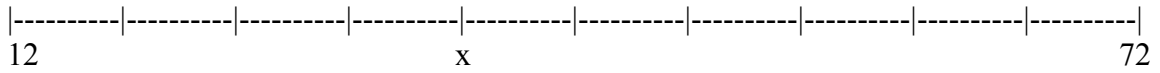
28. If the perimeter of a building is 152 metres and the length is 34 metres, then what is the width of the building?

- a.) 36 metres
- b.) 42 metres
- c.) 56 metres
- d.) 84 metres

29. Amir went to the zoo at 10:40 a.m. and he did not leave until 3:05 p.m. How long was Amir at the zoo?

- a.) 4 hours and 15 minutes
- b.) 4 hours and 25 minutes
- c.) 5 hours and 5 minutes
- d.) 5 hours and 25 minutes

30. Find the value of x .



- a.) 16
- b.) 36
- c.) 46
- d.) 66

STOP

IF YOU FINISH BEFORE TIME IS CALLED, YOU MAY
CHECK YOUR WORK ON THIS SECTION ONLY.
DO NOT TURN TO ANY OTHER SECTION IN THE TEST.

ANSWER KEY: ISEE Middle Level Test

SECTION 1: Verbal Reasoning

Synonyms

- | | | | | |
|-------|-------|--------|--------|--------|
| 1.) d | 5.) d | 9.) c | 13.) b | 17.) d |
| 2.) c | 6.) c | 10.) b | 14.) c | |
| 3.) a | 7.) c | 11.) a | 15.) a | |
| 4.) b | 8.) b | 12.) d | 16.) d | |

Sentence Completion

- | | | | | |
|-------|-------|--------|--------|--------|
| 1.) a | 5.) d | 9.) b | 13.) c | 17.) d |
| 2.) c | 6.) d | 10.) a | 14.) a | |
| 3.) a | 7.) b | 11.) c | 15.) b | |
| 4.) b | 8.) c | 12.) d | 16.) b | |

SECTION 2: Quantitative Reasoning

- | | | | |
|-------|-------|-------|-------|
| 1. d | 11. c | 21. a | 31. b |
| 2. a | 12. b | 22. b | 32. c |
| 3. c | 13. c | 23. c | 33. d |
| 4. a | 14. d | 24. b | 34. c |
| 5. c | 15. b | 25. b | 35. c |
| 6. b | 16. a | 26. d | 36. b |
| 7. a | 17. b | 27. b | 37. c |
| 8. d | 18. d | 28. d | 38. a |
| 9. c | 19. b | 29. d | |
| 10. b | 20. c | 30. c | |

SECTION 3: Reading Comprehension

- | | | | |
|------|-------|-------|-------|
| 1. b | 8. b | 15. b | 22. b |
| 2. a | 9. d | 16. d | 23. b |
| 3. c | 10. c | 17. d | 24. d |
| 4. a | 11. a | 18. a | 25. a |
| 5. b | 12. c | 19. c | |
| 6. c | 13. b | 20. c | |
| 7. a | 14. b | 21. c | |

SECTION 4: Mathematics Achievement

- | | | | | |
|------|-------|-------|-------|-------|
| 1. a | 8. c | 15. a | 22. a | 29. b |
| 2. c | 9. d | 16. b | 23. d | 30. b |
| 3. d | 10. b | 17. b | 24. c | |
| 4. c | 11. c | 18. c | 25. c | |
| 5. a | 12. a | 19. d | 26. c | |
| 6. b | 13. d | 20. d | 27. a | |
| 7. c | 14. b | 21. b | 28. b | |

