



Subject: Grade 7 Mathematics
Topic: Mathematics: Term 1 - Mini-Exam
Total: 79 Marks

Name: _____

Date: _____

Question 1: True/False

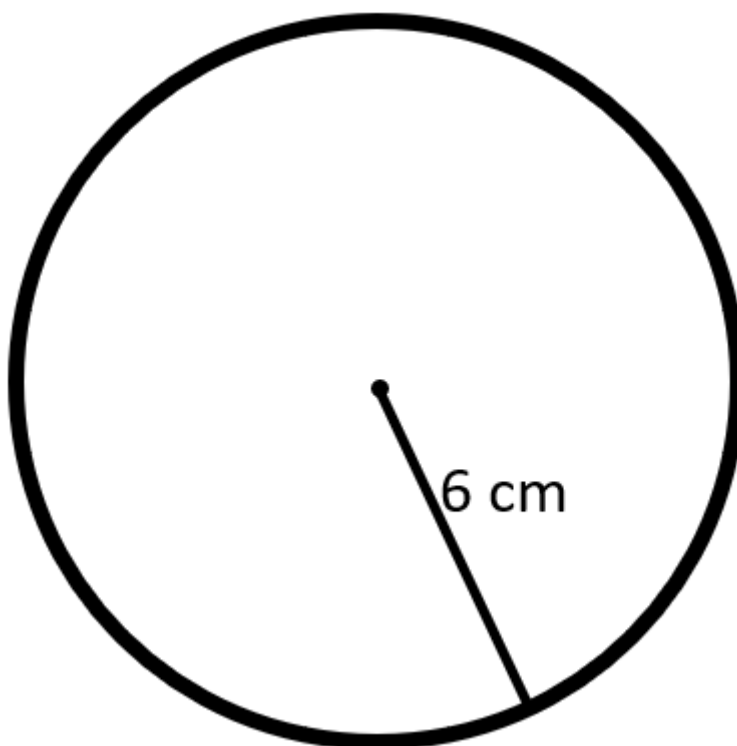
2 marks

A school raised R18 954, 00 to buy eats for Valentine's Day at 3 retirement centres. They donated eats to the value of R56 862, 00 to each retirement centre.

TRUE

FALSE

This image refers to question: 2



Question 2: Please Fill In The Blanks

4 marks

The radius of this circle is (1) cm and the diameter is (2) cm.

Possible Answers: 3 | 6 | 12 | 24

1

2



Question 3: Text Input

3 marks

$$(12 - 8)^3 - (5 \times 2)^2 =$$

Question 4: Multiple Choice

4 marks

$$20 + 5 \times 20 + (8 \times 10) =$$

- | | |
|----------|-------|
| A | 200 |
| B | 580 |
| C | 2 000 |
| D | 5 080 |

Question 5: True/False

2 marks

-4 ; -2 ; 0 ; 2 ; 4 ; 6 are counting numbers.

☐ TRUE☐ FALSE**Question 6: Text Input**

3 marks

Supply the correct relationship sign: $>$; $<$ or $=$

612 341 ... 612 314

Question 7: Please Fill In The Blanks

4 marks

Consider the numbers 15 and 45.

The **lowest common multiple** for these two numbers is (1) .

The **highest common factor** for these two numbers is (2) .

Possible Answers: 5 | 15 | 25 | 45

1	
----------	--

2	
----------	--

Question 8: Text Input

3 marks

$$4^2 + 5^3 = \dots$$

--

This image refers to question: 9

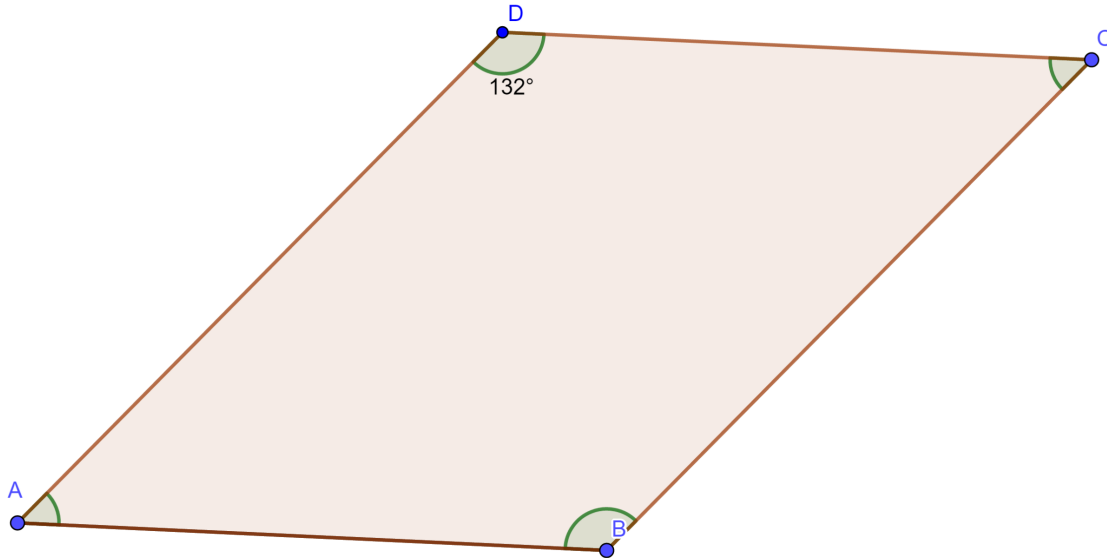
**Question 9: Multiple Choice**

4 marks

An angle of 60° is a(n) ... angle.

- | | |
|----------|--------|
| A | acute |
| B | obtuse |
| C | reflex |
| D | right |

This image refers to question: 10



Question 10: Please Fill In The Blanks

4 marks

The size of angle ABC is (1) because the (2) of a parallelogram are equal.

Possible Answers: 48° | 132° | opposite angles | adjacent angles

1	
----------	--

2	
----------	--

Question 11: Text Input

3 marks

The lowest common multiple of 6 and 12 is

Give the number only.

--

This image refers to question: 12



Question 12: True/False

2 marks

This is an example of a curved line.

TRUE

FALSE

Question 13: Please Fill In The Blanks

2 marks

57 648 rounded off to the nearest hundred is (1) and rounded off to the nearest ten thousand is (2) .

Possible Answers: 50 000 | 57 600 | 57 700 | 60 000

1

2

Question 14: True/False

2 marks

The following numbers have been written in **ascending** order:

−55; −50; −45; −40; −35; −30

TRUE

FALSE

Question 15: Text Input

3 marks

$(2 \times 6)^2 + (45 \div 9)^3 =$

Question 16: Multiple Choice

4 marks

 $8 - 12 = \dots$

- | | |
|----------|-----|
| A | -4 |
| B | -20 |
| C | 4 |
| D | 20 |
-

Question 17: True/False

2 marks

The distributive property states that $3 \times 12 + 3 \times 9$ can be written as $3(12 + 9)$.

TRUE

FALSE

Question 18: Multiple Choice

4 marks

 $-3 - (-20) = \dots$

- | | |
|----------|-----|
| A | -17 |
| B | -23 |
| C | 17 |
| D | 23 |
-

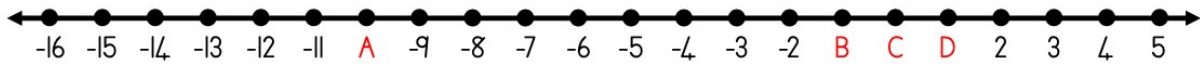
Question 19: Text Input

3 marks

The **highest common factor** of 16 and 24 is

--

This image refers to question: 20



Question 20: Multiple Choice

4 marks

The number at C is ...

Click on the magnifying glass to view the number line.

- | | |
|----------|----|
| A | -1 |
| B | 0 |
| C | 1 |
| D | -2 |

Question 21: Multiple Choice

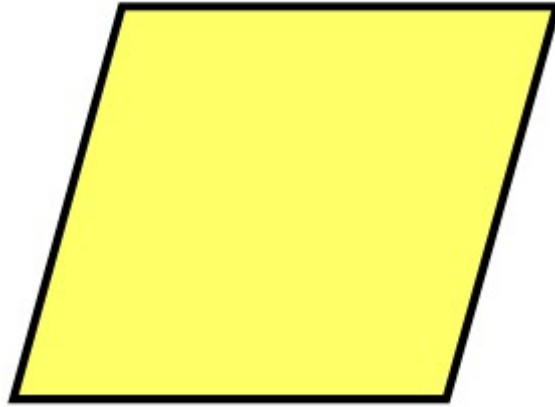
4 marks

Choose the correct sign to compare the two numbers:

$$6 * -15$$

- | | |
|----------|---|
| A | < |
| B | > |
| C | = |
| D | ≥ |

This image refers to question: 22



Question 22: Text Input

3 marks

The perimeter of a rhombus is 64 mm.

The length of one side is ... cm.

Question 23: True/False

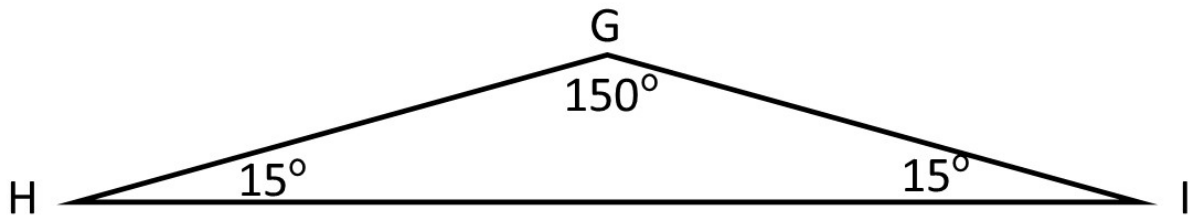
2 marks

$$5 \times 9 \times 2^3 = 9 \times 2^3 \times 5$$

TRUE

FALSE

This image refers to question: 24



Question 24: Please Fill In The Blanks

4 marks

$\triangle HIG$ is a/n (1) triangle. The sum of the angles of this triangle is (2) degrees.

Possible Answers: isosceles | scalene | 160 | 180

1	
---	--

2	
---	--

Question 25: Please Fill In The Blanks

4 marks

$\sqrt{81} = (1)$.

$\sqrt[3]{64} = (2)$.

Possible Answers: 3 | 4 | 6 | 9

1	
---	--

2	
---	--

Total: 79 Marks