



Subject: Grade 6 Mathematics
Topic: Mathematics: Term 2 - Exam 1
Total: 110 Marks

Name: _____
Date: _____

Question 1: Text Input

3 marks

A washing machine can take 5kg of washing at a time.

The mass of a sheet is 500g, a shirt is 250g, a pair of shorts 200g and a pair of socks 50g.

How many shorts can I wash with 5 shirts, 2 sheets and 3 pairs of socks?

(Type the number only)

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Question 2: Please Fill In The Blanks

6 marks

20 is a factor of (1) .

15 is a factor of (2) .

8 is a factor of (3) .

Possible Answers: 20 | 30 | 16 | 46 | 25

1	
3	

2	
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Question 3: Multiple Choice

4 marks

Which of these numbers are exactly divisible by 9?

99; 109; 180; 504; 801

A	99; 180
B	109; 99; 180; 801
C	801; 99; 504
D	99; 180; 504; 801



Question 4: Text Input

3 marks

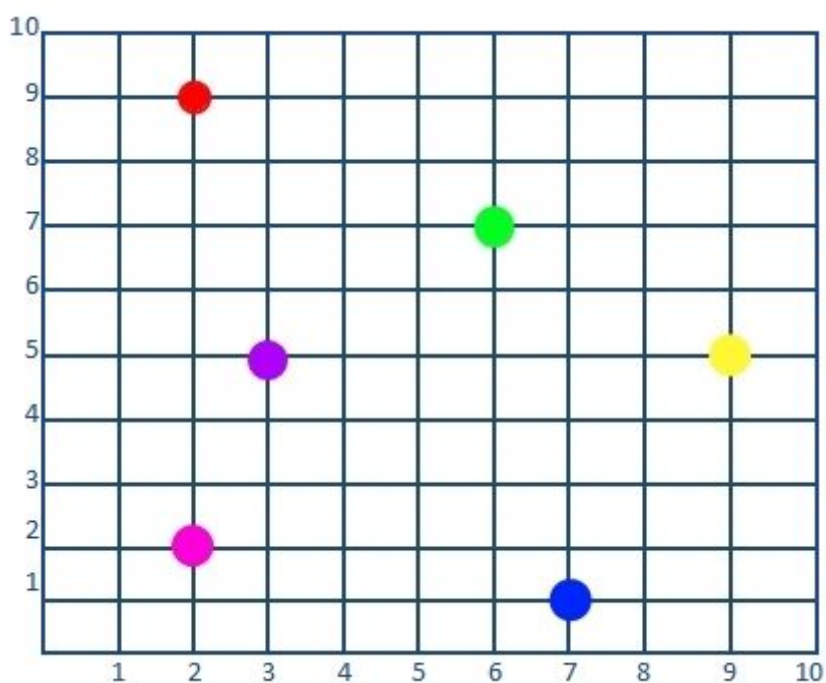
Stacey's temperature is $36,7^{\circ}\text{C}$

It rises by $0,8^{\circ}\text{C}$.

Her temperature is now $\dots^{\circ}\text{C}$

[Type the number only.]

This image refers to question: 5

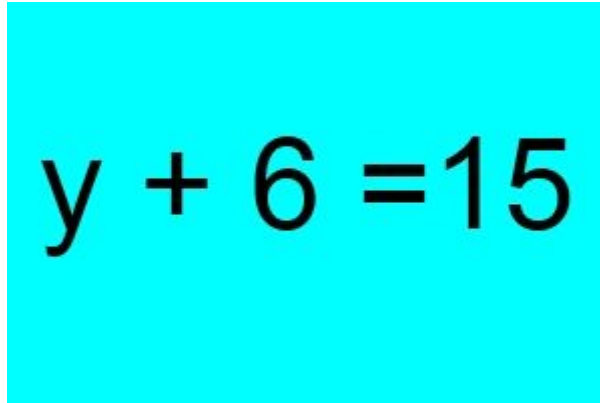
**Question 5: True/False**

2 marks

3, 5 are the coordinates of where the purple dot is located.

TRUE**FALSE**

This image refers to question: 6


$$y + 6 = 15$$

Question 6: Text Input

3 marks

What is the value of **y** in the following?

$$y + 6 = 15$$

(Write the number only)

Question 7: Text Input

3 marks

The first multiple of 12 is ...

Question 8: Multiple Choice

4 marks

A train carrying 394 passengers leaves a railway station.

At the first stop 98 people get off and 134 get on.

How many passengers are now on the train?

A	162
B	430
C	528
D	626

Question 9: Please Fill In The Blanks

6 marks

20 is a multiple of (1) .

15 is a multiple of (2) .

8 is a multiple of (3) .

Possible Answers: 10 | 3 | 8 | 25 | 34 | 6

1	
3	

2	
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Question 10: Text Input

3 marks

The number 19 is a prime number, because it has ... factors only.

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Question 11: True/False

2 marks

$$\frac{16}{3} = 5\frac{1}{3}$$

TRUE	FALSE
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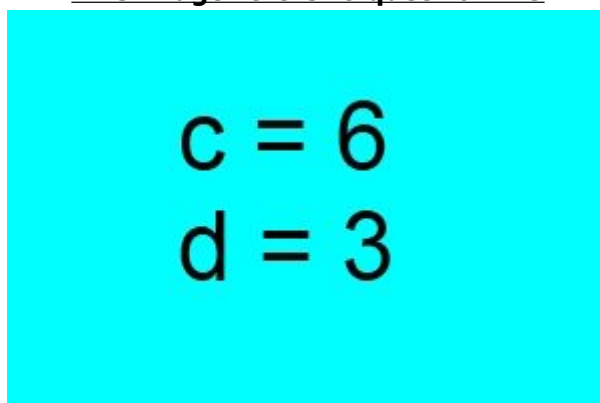
Question 12: Multiple Choice

4 marks

The answer to the division sum $4\,852 \div 1\,000$ is ...

- | | |
|----------|--------|
| A | 48,52 |
| B | 4,852 |
| C | 0,4852 |
| D | 485,2 |
-

This image refers to question: 13


$$c = 6$$
$$d = 3$$

Question 13: Multiple Choice

4 marks

Find the value of the expression:

$$8 \times d \div c$$

- | | |
|----------|---|
| A | 4 |
| B | 3 |
| C | 6 |
| D | 5 |
-

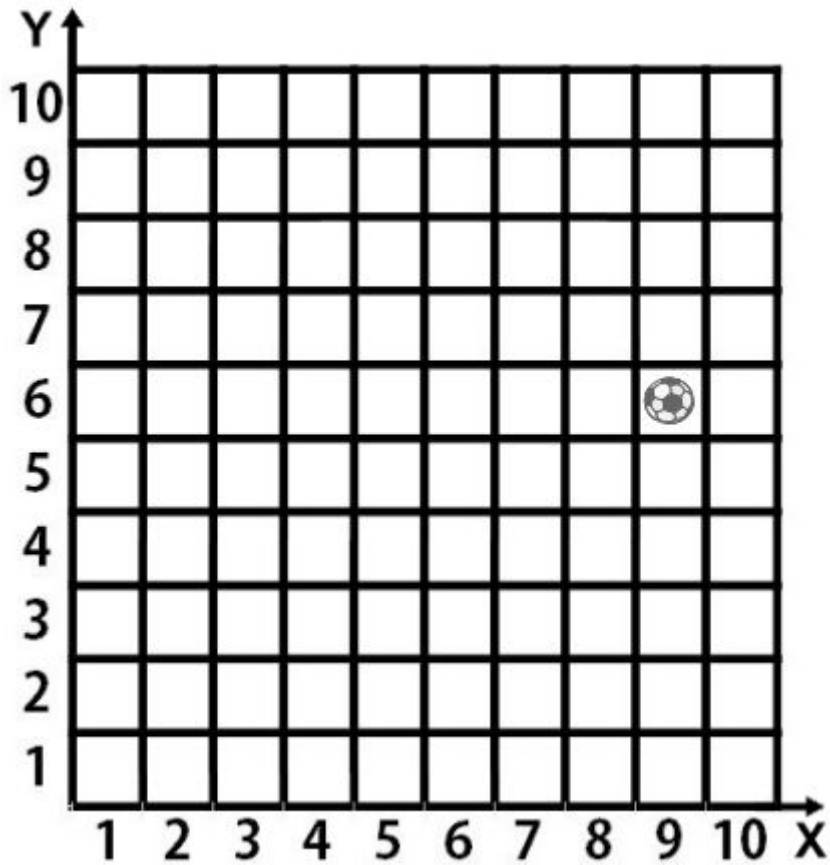
Question 14: Multiple Choice

4 marks

$$3\frac{1}{8} + 2\frac{1}{4} = \dots$$

- | | |
|----------|----------------------------------|
| A | $5\frac{2}{8}$ or $5\frac{1}{4}$ |
| B | $5\frac{3}{8}$ |
| C | $5\frac{3}{4}$ |
| D | none of these |
-

This image refers to question: 15



Question 15: True/False

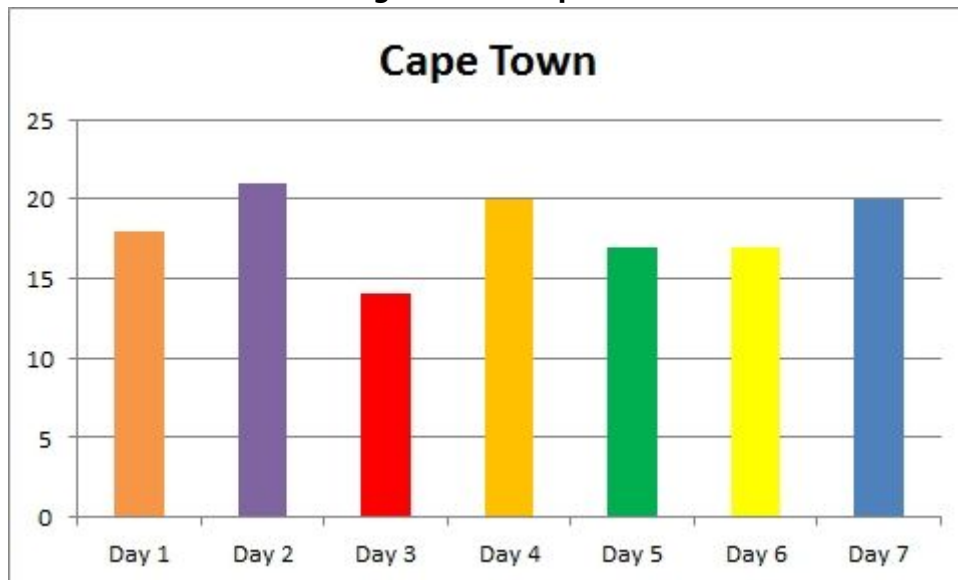
2 marks

The soccer ball is located at 9, 6.

TRUE

FALSE

This image refers to question: 16



Question 16: Please Fill In The Blanks

4 marks

The temperature on Day 3 is (1) °C and on Day 7 is (2) °C.

Possible Answers: 20 | 19 | 15 | 14

1	
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2	
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Question 17: Please Fill In The Blanks

6 marks

A factory which manufactures shoes has a (1) income of R22 250.

After all expenses are calculated, their (2) income is R15 875.

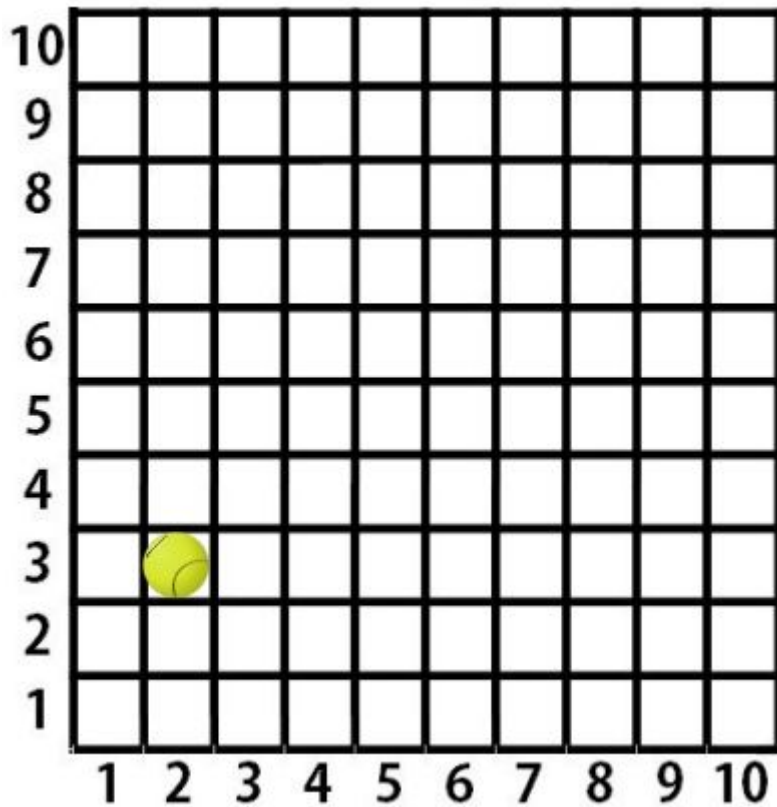
The production costs are (3) .

Possible Answers: profit | net | loss | gross | R6 375 | R6 573

1	
3	

2	
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This image refers to question: 18



Question 18: True/False

2 marks

The tennis ball is located at 2, 3.

TRUE

FALSE

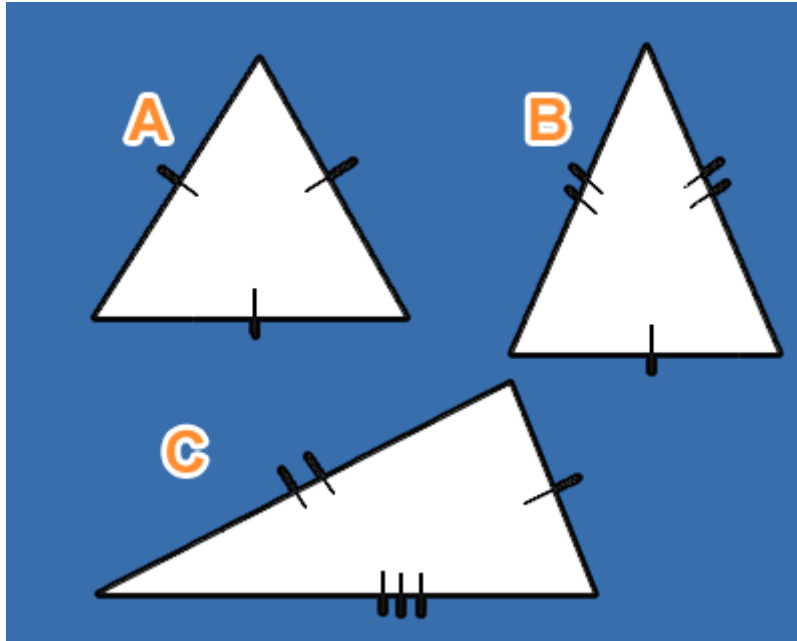
Question 19: Multiple Choice

4 marks

Converting 3kl and 5 litres to litres gives ...

- | | |
|----------|------------------|
| A | 3,5 litres |
| B | 3 000,5 litres |
| C | 3 000,005 litres |
| D | 3 005 litres |

This image refers to question: 20



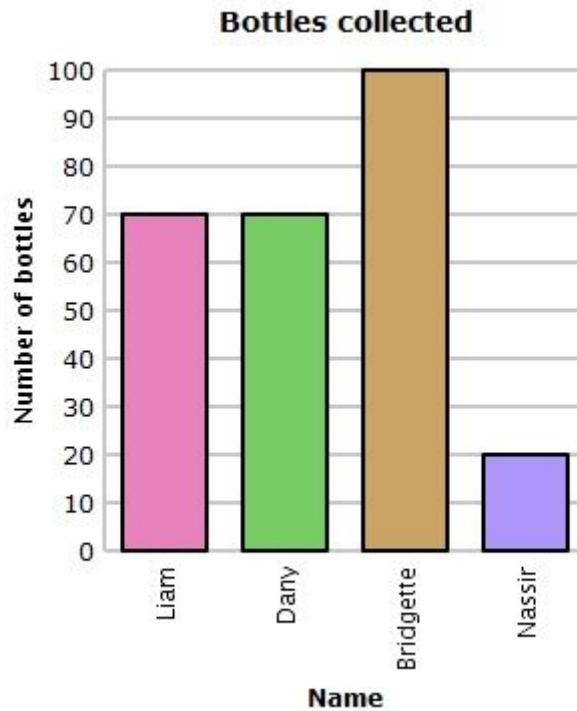
Question 20: Text Input

3 marks

Triangle A has ... lines of symmetry.

Give your answer as a number only.

This image refers to question: 21



Question 21: Multiple Choice

4 marks

Liam's class paid attention to how many bottles each student collected for their recycling project.

How many bottles did Nassir collect?

- | | |
|----------|-----|
| A | 20 |
| B | 70 |
| C | 100 |
| D | 90 |

Question 22: Please Fill In The Blanks

6 marks

$848 \div 42 = (1) \text{ remainder } (2) \text{ and thus } (42 \times 20) + (3) = 848$

Possible Answers: 0,8 | 20 | 22 | 8 | 2 | 0,125

1	
3	

2	
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Question 23: True/False

2 marks

$\frac{11}{13}$ and $\frac{121}{143}$ are equivalent fractions.

TRUE**FALSE****Question 24: Text Input**

3 marks

Mpho bought a pocket of oranges.

$\frac{5}{12}$ of the 60 oranges were damaged when she unpacked them.

There were ... oranges that were damaged.

[Type a number only.]

Question 25: Multiple Choice

4 marks

$13\frac{13}{50}$ as a decimal fraction is ...

- | | |
|----------|---------|
| A | 13, 28 |
| B | 13, 026 |
| C | 13, 62 |
| D | 13, 26 |

Question 26: Text Input

3 marks

The mass of an empty bucket is 853 grams.

When it is full of sand, the mass of the bucket is 8 times more than before.

The mass of the full bucket will be ... kg.

(Type the number only)

This image refers to question: 27

$$d + 87 = 125$$

Question 27: Text Input

3 marks

Solve for **d**.

$$d + 87 = 125$$

(Write the number only)

This image refers to question: 28



Question 28: Please Fill In The Blanks

4 marks

On Monday (1) burgers were sold.

On Thursday (2) burgers were sold.

Possible Answers: 25 | 30 | 45 | 60

1	
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2	
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Question 29: True/False

2 marks

$$72\,935 - 23\,872 = 48\,053$$

TRUE**FALSE****Question 30: Please Fill In The Blanks**

4 marks

$\frac{a}{b}$ is a rational number, provided 'a' and 'b' are (1) numbers.

$\frac{a}{b}$ also means 'a' divided by 'b', so 'b' cannot be (2).

Possible Answers: whole | real | a fraction | zero

1**2****Question 31: Text Input**

3 marks

The quotient of a division calculation is 42, the divisor is 25 and the remainder is 14.

The dividend of this calculation is ...

(Give the number only)

Total: 110 Marks