

WESTERING PRIMARY SCHOOL
GRADE 5 MATHEMATICS
CONTROLLED TEST



4 June 2025

NAME: Memo

GRADE 5: _____

PARENT SIGNATURE: _____

EXAMINER: Mr D. Erasmus

SUBJECT HEAD: Ms H. Staples

TOTAL MARKS: 60 MARKS

INSTRUCTIONS:

1. Read all the instructions carefully.
2. All calculations must be shown on the question paper.
3. Write neatly and legibly with a pencil.
4. The use of a calculator is not allowed.

QUESTION 1: MULTIPLE CHOICE

(10)

Underline the correct answer

1.1) Which number sentence is NOT true?

- A) $75 - 19 = 19 - 75$
- B) $18 + 34 = 34 + 18$
- C) $7 \times (20 + 2) = (7 \times 20) + (7 \times 2)$
- D) $60 \times 5 = 5 \times 60$

1.2) The odd numbers between 3 680 and 3 689 are...

- A) 3682; 3 684; 3 686; 3 688
- B) 3 681; 3 683; 3685; 3 687; 3 689
- C) 3 681; 3 683; 3 685; 3 687
- D) None of the above

1.3) Which number is represented by?

$(1 \times 4) + (8 \times 1\,000) + (9 \times 10) + (3 \times 10\,000)$

- A) 8 349
- B) 38 094
- C) 3 894
- D) 83 049

1.4) There are _____ twelves in 132.

- A) 12
- B) 11
- C) 13
- D) 9

1.5) Which number is a multiple of 9?

- A) 72
- B) 56
- C) 49
- D) 32

1.6) The product of sixty and six is

- A) Ten
- B) Three hundred
- C) Fifty-four
- D) Three hundred and sixty

1.7) 9 100 is 10 times smaller than:

- A) 910
- B) 901
- C) 90 100
- D) 91 000

1.8) Which number is double 7 385?

- A) 14 770
- B) 14 760
- C) 14 660
- D) 14 670

1.9) 69 849 rounded off to the nearest 100:

- A) 69 900
- B) 69 850
- C) 69 800
- D) 69 700

1.10) Which number is half 4238?

- A) 2134
- B) 1126
- C) 2119
- D) 2129

QUESTION 2: Calculate the answers for questions 1 – 8.

(11)

Use the method taught in class. Show your steps.

1. $2\,458 + 1\,207$

(1)

$$\begin{array}{r} 2\,458 \\ + 1\,207 \\ \hline 3\,665 \end{array} \checkmark$$

2. $10\,000 - 5\,265$

(1)

$$\begin{array}{r} 10\,000 \\ - 5\,265 \\ \hline 4\,735 \end{array} \checkmark$$

3. 248×13

(2)

$$\begin{array}{r} 248 \\ \times 13 \\ \hline 744 \\ 2480 \\ \hline 3224 \end{array} \checkmark$$

4. 225×8

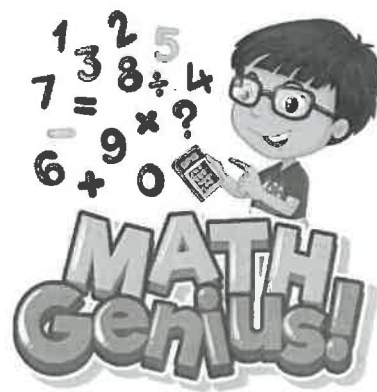
(1)

$$\begin{array}{r} 225 \\ \times 8 \\ \hline 1800 \end{array} \checkmark$$

5. $450 \div 2$

(2)

$$\begin{array}{r} 225 \\ 2 \overline{)450} \\ \underline{-4} \\ 5 \\ \underline{-4} \\ 10 \\ \underline{-10} \\ 0 \end{array} \checkmark \checkmark$$



6. $\frac{3}{4}$ of 36

(1)

$$\begin{array}{l} 36 \div 4 = 9 \checkmark \\ 9 \times 3 = 27 \checkmark \end{array}$$

7. $\frac{6}{8} - \frac{4}{8}$

(1)

$$\frac{6}{8} - \frac{4}{8} = \frac{2}{8} \left(\frac{1}{4} \right) \checkmark$$

1125 $\div$ 9 (long division)

SHOW ALL STEPS AND WORKING OUT.

(2)

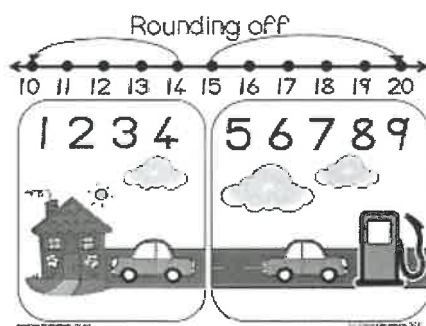
$$\begin{array}{r}
 .125 \checkmark \\
 9 \overline{) 1.25} \\
 \underline{-9} \\
 35 \\
 \underline{-36} \\
 15 \\
 \underline{-18} \\
 45 \\
 \underline{-45} \\
 0
 \end{array}$$

QUESTION 3: Rounding off

(6)

Round off the following to the number indicated in brackets:

- | | | | |
|----|---------------------------------------|----|------------------------------------|
| a) | 10 845 (10) $\approx$ <u>10 850</u> | d) | 6 097 (5) $\approx$ <u>6 095</u> |
| b) | 10 845 (100) $\approx$ <u>10 800</u> | e) | 6 097 (10) $\approx$ <u>6 100</u> |
| c) | 10 845 (1000) $\approx$ <u>11 000</u> | f) | 6 097 (100) $\approx$ <u>6 100</u> |



QUESTION 4: Numeric and Geometric Patterns

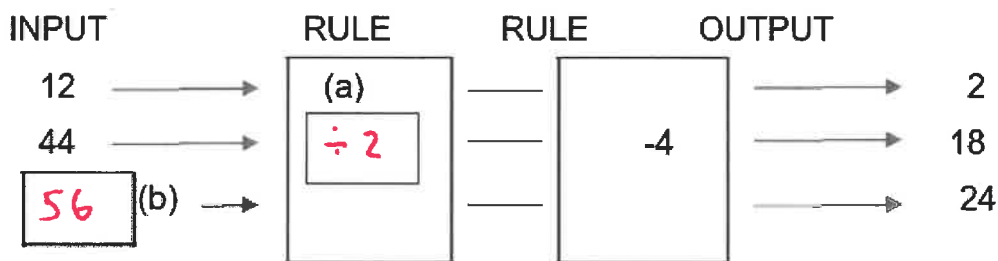
(7)

4.1) How many matches must you add to build the next pattern? 2

4.2) Complete the table.

Pattern number	1	2	3	4	7	10
Number of matches	3	5	7	9	15	21

4.3)

**QUESTION 5: Length / Mass**

(12)

5.1) Convert each of these lengths to mm only.

(4)

- a) 2 m 2 000 mm
- b) 8 m 8 000 mm
- c) 3 m 450 mm 3 450 mm
- d) 2 m 225 mm 2 225 mm

5.2) Convert each of these weights to kg and g.

(4)

- a) 2 000 g 2 kg
- b) 3 500 g 3 kg 500 g
- c) 5 250 g 5 kg 250 g
- d) 2 105 g 2 kg 105 g

5.3) Mr Jacobs and Mr Swart went to the butcher. Mr Swart bought 1kg 300g of biltong and Mr Jacobs bought 900g of biltong. How much biltong did they buy altogether? Answer in kg and g (WORD SUM

FORMAT)

Amount of biltong ✓
1 300 + 900 = □ ✓
2 kg 200 g ✓

(2)

5.4) Mrs. Campbell has $4\frac{1}{2}$ m of ribbon. She used 1m 500mm to make a dress. How much ribbon does she have left? Answer in m and mm (WORD SUM FORMAT)

(2)

Amount of ribbon ✓
4 500 - 1 500 = □ ✓
3 m ✓

QUESTION 6: Fractions

(6)

Complete the following OF SUMS:

6.1) $\frac{1}{2}$ of 64 = 32

6.2) $\frac{3}{11}$ of 44 = 12

Simplify the following fractions:

6.3) $\frac{25}{35} = \frac{5}{7}$

6.4) $\frac{3}{11} = \frac{3}{11}$

Complete the equivalent fractions:

6.5) $\frac{12}{36} = \frac{3}{9}$

6.6) $\frac{3}{5} = \frac{15}{25}$

Question 7: Number Operations

(8)

7.1) 560 children from Westering Primary School went to visit Kragga Kamma Game Park. The school hires 8 buses. How many children will travel in each bus?

	Amount per bus / Amount of learners
	$560 \div 8 = \square$ ✓
	70 children ✓

7.2) Each day, Sam walks 2km 250 m and Amy walks 1 km 750 m to school. What is the total distance they walk to school each day? (Write your answer in km and m).

	Total distance / Amount of km
	$2\ 250 + 1\ 750 = \square$ ✓
	4 km ✓

7.3) How much further does Sam walk to school than Amy? (Write your answer in m)

	Amount of m ✓
	$2\ 250 - 1\ 750 = \square$ ✓
	500 m ✓

7.4) There are 24 hours in a day. How many hours are there in 37 days?

	Number of hours ✓
	$37 \times 24 = \square$ ✓
	888 hours ✓