



"supporting schooling for excellence"

NAME: MEMO

GRADE: 4

TERM: \_\_\_\_\_

TEACHER: \_\_\_\_\_

SCHOOL: \_\_\_\_\_

## WHOLE NUMBERS

### QUICK MATHS



Add:

- $6 + 8 + 3 = 17$
- $10 + 15 + 18 = 43$
- $23 + 25 + 31 = 79$

### QUESTION 1

1.1 Complete the patterns by adding 350.

- a) 1 380; **1730; 2080; 2430; 2480; 2830**
- b) 2 500; **2850; 3200; 3550; 3900; 4250**

1.2 Complete the number sentences.

- a)  $165 + 748 = 913$
- b)  $942 + 1858 = 2\ 800$
- c)  $1\ 860 + 140 = 2\ 000$

1.3 Add the following by using the method that you learned in class.

a)  $4\ 692 + 2\ 378$

**7 070**

b)  $1\ 387 + 6\ 546$

**7 933**

c)  $4\ 930 + 3\ 500$

**8 430**



1.4 A farmer has 2 306 cattle and 1 256 sheep.

a) How many animals does he have on the farm?

**3 562 Animals on the farm**

b) He buys 345 cattle and 836 sheep. How many animals did he buy?

**1 181 extra animals were bought**

c) How many animals are there on the farm now?

**There are 4 743 on the farm**

## QUICK MATHS



Subtract:

- $19 - 6 - 2 = 11$
- $33 - 10 - 9 = 14$
- $45 - 12 - 7 = 26$
- $126 - 39 - 40 = 47$

## QUESTION 2

2.1 Complete the patterns by subtracting 465 each time.

- a) 4800; 4 335; 3870; 3 405; 2 940
- b) 8 550; 8 085; 7620; 7 155; 6 690
- c) 7 465; 7 000; 6 535; 6 070; 5 605

2.2 Complete the number sentences.

- a)  $635 - 405 = 230$
- b)  $4 560 - 3 000 = 1 560$
- c)  $6 123 - 2 123 = 4 000$

2.3 Subtract the following by using the method that you learned in class.

a)  $7 000 - 5 936$

$1 064$

b)  $6 200 - 5 990$

$210$

c)  $7 930 - 2 406$

$5 524$

2.4 On Saturday there were 2 789 cars that went through the gate at 08:00 at the Addo Elephant Park. At 14:00 in the afternoon, 946 cars left the park.

a) How many cars are still in the park 14:00 that afternoon?

**There were 1 843 cars in the Park**

b) If the park closes at 18:00, how much time does the rest of the cars have to exit the park?

**There are only 4 hours left to leave the Park**

2.5 The Grade 4 class had a fundraiser and raised R3 780.

a) They gave R1 560 for a reading project and R945 to the old age home. How much money did they donate?

They donated R2 505

b) Is there money left to donate to the orphanage?

Yes

c) If there is enough money to donate, how much will it be?

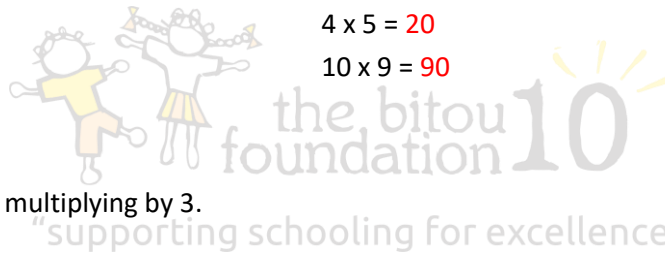
They can still donate R1 275

### QUICK MATHS



- $9 \times 5 = 45$
- $6 \times 3 = 18$
- $2 \times 7 = 14$
- $6 \times 6 = 36$
- $10 \times 3 = 30$

- $7 \times 5 = 35$
- $3 \times 8 = 24$
- $8 \times 4 = 32$
- $4 \times 5 = 20$
- $10 \times 9 = 90$



### QUESTION 3

3.1 Complete the patterns by multiplying by 3.

- a) 8; 24; 72; 216; 648
- b) 25; 75; 225; 675; 2025
- c) 60; 180; 540; 1620; 4860
- d) 100; 300; 900; 2700; 8100

3.2 Multiply the following by using the method that you learned.

a)  $36 \times 45$

1 620

b)  $82 \times 27$

2 214

c)  $94 \times 46$

4 324

### 3.3 Calculate the following.

- a) A learner in Grade 4 reads a book with 58 pages and 93 words per page. How many words did she read?

$$58 \times 93 = 5\,394$$

- b) A builder wants to measure the area of a storage building. If area = length x breadth, determine the area of the storage building, if the length is 70m and the breadth is 46m, in m<sup>2</sup>?

$$L \times B$$

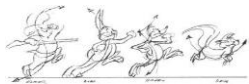
$$= 70 \times 46$$

$$= 3\,220\text{m}^2$$

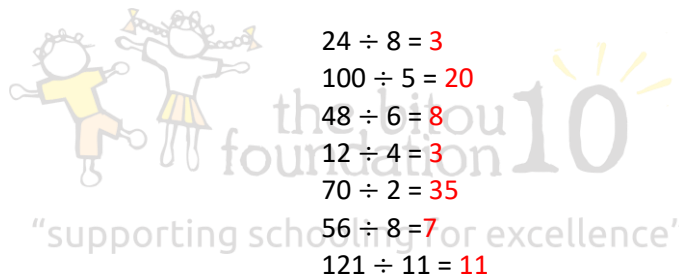
- c) An excursion to the Puzzle Park cost R47 per learner. If there are 65 learners, what will the total cost be for the day?

$$R47 \times 65 = R3\,055 \text{ For all the learners}$$

### QUICK MATHS



- $36 \div 6 = 6$
- $25 \div 5 = 5$
- $49 \div 7 = 7$
- $10 \div 2 = 5$
- $40 \div 8 = 5$
- $80 \div 5 = 16$
- $99 \div 9 = 11$



$$24 \div 8 = 3$$

$$100 \div 5 = 20$$

$$48 \div 6 = 8$$

$$12 \div 4 = 3$$

$$70 \div 2 = 35$$

$$56 \div 8 = 7$$

$$121 \div 11 = 11$$

### QUESTION 4

4.1 Complete the following by dividing each pattern by 4.

- a) 960; 240; 60; 10  
b) 1280; 320; 80; 20  
c) 896; 224; 56; 14  
d) 1600; 400; 100; 25

4.2 Divide the following by using the method learned in class.

- a)  $845 \div 5$   
169

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b)  $366 \div 3$   
122

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c)  $798 \div 6$   
133

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4.3 Calculate the following.

- a) If 65 learners in Grade 4 are divided into groups and each group has an equal number of learners. How many groups will there be?

$65 = 5 \times 13$

There can be 5 groups of 13

OR

13 groups of 5

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- b) Luke has 288 marbles. He shares it with 5 friends. How many marbles will each child get? (Include Luke)

$288 \div 6 = 48$

Each friend will get 48 marbles. Luke too

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- c) R726 must be divided equally between 3 children. How much will each child receive?

$R726 \div 3 = R242$

Each child gets R242

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## QUICK MATHS



- $15 + 29 = 44$
- $26 \times 4 = 104$
- $96 - 69 = 27$
- $88 \div 11 = 8$
- $106 \times 5 = 530$
- $248 \div 4 = 62$
- $24 - 16 = 8$
- $3 \div 3 = 1$
- $52 \times 8 = 416$
- $40 - 29 = 11$
- $800 \div 10 = 80$
- $330 \div 11 = 30$

## QUESTION 5

5.1 Complete each of the following.

- Add 112 to complete the pattern:  
375; 487; 599; 711; 823
- Subtract 76 to complete the pattern:  
945; 869; 793; 717; 641
- Multiply by 7 to complete the pattern:  
89; 623; 4 361; 30 527
- Divide by 9 to complete the pattern:  
2916; 324; 36; 4



5.2 Use the symbols  $<$  or  $>$  or  $=$  for the following operations.

- $36 \div 9 > 18 \div 9$
- $70 \div 10 = 14 \div 2$
- $109 - 46 = 21 \times 3$
- $24 \times 2 > 6 \times 7$
- $13 - 7 = 3 \times 2$

5.3 Circle the correct answer.

a) The product of 16 and 4 is:

- |       |       |
|-------|-------|
| 1) 20 | 2) 64 |
| 3) 12 | 4) 4  |

b) Increase 18 by 9:

- |       |        |
|-------|--------|
| 1) 27 | 2) 9   |
| 3) 2  | 4) 162 |

c) Decrease 36 by 6:

1) 216

2) 6

3) 42

4) 30

d) What is the quotient of 45 and 5?

1) 9

2) 50

3) 40

4) 225

5.4 Use the clues to complete the puzzle.

**Across**

1.  $123 \times 8$

2.  $367 + 453$

3.  $369 \div 9$

4.  $7\,000 - 4\,381$

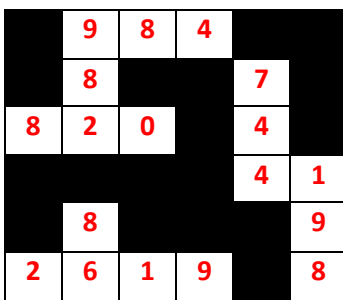
**Down**

1.  $2\,405 - 1\,423$

5.  $186 \times 4$

7.  $990 \div 5$

8.  $43 \times 2$



**QUESTION 6**

First write down a number sentence and then complete the operations.

6.1 Half 972

$$972 \div 2 = 486$$

6.2 Double 468

$$468 \times 2 = 936$$

6.3 Add the following numbers: 6 284; 2 371 and 931

$$6\,284 + 2\,371 + 931 = 9\,586$$

6.4 Subtract the numbers: 5 001 and 1 883

$$5\,001 - 1\,883 = 3\,118$$



6.5 Divide 649 by 8

$$649 \div 8 = 81 \text{ remainder } 1$$

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6.6 Subtract the sum of 794 and 823 from 3 201

$$794 + 823 = 1\,617$$

$$3\,201 - 1\,617 = 1\,584$$

6.7 Divide the product of 49 and 73 by 7

$$49 \times 73 = 3\,577$$

$$3\,577 \div 7 = 511$$

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6.8 Add 4 500 to the product of 75 and 36

$$75 \times 36 = 2\,700$$

$$2\,700 + 4\,500 = 7\,200$$

6.9 Subtract 2 610 from the product of 92 and 82

$$92 \times 82 = 7\,544$$

$$7\,544 - 2\,610 = 4\,934$$



6.10 Subtract the sum of 1 685 and 578 from the sum of 2 740 and 456

$$1\,685 + 578 = 2\,263$$

$$2\,740 + 456 = 3\,196$$

$$3\,196 - 2\,263 = 933$$

6.11 Multiply the quotient of  $835 \div 5$  by 6

$$835 \div 5 = 167$$

$$167 \times 6 = 1\,002$$

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6.12 Add the product of 48 and 25 to the quotient of  $582 \div 3$

$$48 \times 25 = 1\,200$$

$$582 \div 3 = 194$$

$$1\,200 + 194 = 1\,394$$

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