"supporting schooling for excellence"

NAME: MEMO

GRADE: 5

TERM: _____

TEACHER: _____

SCHOOL: _____

WHOLE NUMBERS

QUICK MATHS

Add:

- 35 + 38 + 59 = 132
- 154 + 256 + 385 = 795
- 1 593 + 423 + 483 = 2 499

QUESTION 1

1.1 Complete the patterns by adding 1 846.

a) 2 380; 4 226; 6 072; 7 918; 9 764; 11 610
b) 4 255; 6 101; 7 947; 9 793; 11 639; 13 485

1.2 Complete the number sentences.

a) 3 647 + 5 043 = 8 690
b) 6 500 + 3 885 = 10 385
c) 19 403 + 997 = 20 400

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

a) 23 794 + 56 910

80 704

b) 123 456 + 458 123

581 579

c) 99 456 + 99 478

198 934

1.4 This map shows flights from O. R. Tambo Airport in Johannesburg. Calculate the distances by using a ruler to

measure the flights, in a straight line, in cm. Multiply the cm with 1 295 to get the approximate km.

a) Calculate the distance from Johannesburg to London.

3,5 x 1 295 = 4 532,5km

b) Calculate the distance from Johannesburg to New York.
4,5 x 1 295 = 5 827,5km

c) Calculate the distance from Johannesburg to Perth.

3 x 1 295 = 3 885km

d) Now add these distances. How far did the aeroplane fly?
4 532,5 + 5 827,5 + 3 885 = 14 245km

QUICK MATHS

Subtract:

- 64 - 46 = 18
- 106 - 9 = 97
- 250 - 170 = 80
- 303 - 299 = 4

QUESTION 2

2.1 Complete the patterns by subtracting 370 each time.

a) 8 505; 8 135; 7 765; 7 415; 7 045
b) 8 550; 8 180; 7 810; 7 440; 7 070
c) 9 300; 8 930; 8 560; 8 190; 7 820

2.2 Complete the number sentences.

a) 1 490 - 990 = 500
b) 4 944 – 4 644 = 300
c) 8 635 – 5 791 = 2 844

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

a) 24 000 – 13 756

10 244

b) 53 780 – 40 599

13 181

c) 700 000 – 159 600

540 400

2

2.4 A family wants to drive through South Africa; this is the route that they followed.

They drove from Bisho, in the Eastern Cape, to Ulundi in Kwa-Zulu Natal. From there they drove to Pretoria in Gauteng. Their last stop was Nelspruit. If they travelled 1 769 km,

a) How far is Bisho to Ulundi if the rest of the travels were 881 km?

Bisho to Ulundi is 1 769km – 881km = 888km

b) They saved R18 640 to travel with, if the petrol was R5 423 how much do they have left?

They have R18 640 – R5 423 = R13 217 left

c) Accommodation costs R4 000. How much money is remaining?

They have R13 217 – R4 000 = R9 217 remaining

QUICK MATHS

- 91 x 7 = 637
- 36 x 31 = 1 116
- 26 x 37 = 962
- 26 x 26 = 676
- 104 x 30 = 3 120

27 x 15 = 405
53 x 18 = 954
58 x 64 = 3 712
54 x 50 = 2 700
310 x 90 = 27 900

QUESTION 3

3.1 Complete the patterns by multiplying by 2.

a) 431; 862; 1 724
b) 103; 206; 412
c) 600; 1 200; 2 400
d) 350; 700; 1 400

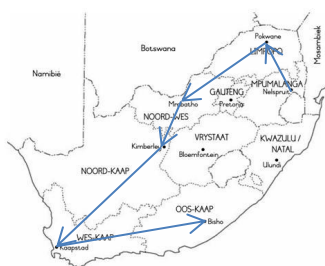3.2 Multiply the following by using the method that you learned.

a) 789 x 73

57 597

b) 923 x 78

71 994

c) 456 x 88

40 128

3.3

a) Measure the arrows ⟶ in mm and multiply with 77. This will be the approximate distance between towns.
b) Nelspruit na Pokwane = 5 x 77 = 385km
c) Pokwane na Mmbatho = 12 x 77 = 924km
d) Mmbatho na Kimberley = 7 x 77 = 539km
e) Kimberley na Kaapstad = 20 x 77 = 1 540km
f) Kaapstad na Bisho = 18 x 77 =1 386km

g) Add the distances in km. How far did they travel back home?

Hulle het 385km +924km +539km + 1 540km + 1 386km = 4 774km terug huistoe gery

h) If petrol is R15 per litre, how much will the petrol cost?

NO ANSWER

i) Did the family in question 3 have enough money to complete their travels? (show the working out and give an answer)

NO ANSWER

QUICK MATHS

- 348 ÷ 6 = 58
- 1 025 ÷ 5 = 205
- 259 ÷ 7 = 37
- 550 ÷ 10 = 55
- 408 ÷ 8 = 51
- 861 ÷ 3 = 287
- 999 ÷ 9 = 111

24 ÷ 2 = 12
464 ÷ 4 = 116
288 ÷ 6 = 48
712 ÷ 4 = 178
5 270 ÷ 2 = 2 635
856 ÷ 8 = 107
534 ÷ 6 = 89

QUESTION 4

4.1 Complete the following by dividing each pattern by 6.

    a) 1 728; 288; 48; 8
    b) 4 968; 828; 138; 23
    c) 8 856; 1 476; 246; 41
    d) 8 640; 1 440; 240; 40

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

    a) 8 649 ÷ 9

        961

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    b) 9 492 ÷ 21

        452

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    c) 3 510 ÷ 45

        78

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4.3 Calculate the following.

    a) R2 340 must be divided between 36 learners. How much does each learner get?

    Each learner will get R2 340 ÷ 36 = R65

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    b) There are 5 490 people on a passenger ship. The Captain wants to place 9 people at a table for dinner. How many tables will there be?

        There will be 5 490 ÷ 9 =610 tables

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5

c) If there are only 30 rescue boats, how many people in question b) will have to get into one boat?

5 490 ÷ 30 = 183 people per rescue boat

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QUICK MATHS

- 256 + 579 = 835
- 136 x 5 = 680
- 63 x 20 = 1 260.
- 333 ÷ 3= 111
- 116 x 5 = 580
- 848 ÷ 4 = 212

750 - 359 = 391
696 ÷ 12 = 58
76 x 19 = 1 444
1 200 ÷ 12 =100
800 ÷ 100 = 8
4 400 ÷ 11 =400

QUESTION 5

5.1 Complete each of the patterns.

a) Add 960 to complete the pattern:
453;   1 413; 2 373; 3 333; 4 293

b) Subtract 608 to complete the pattern:
9 460;   8 852; 8 244; 7 636; 7 028

c) Multiply by 8 to complete the pattern:
45; 360; 2 880; 23 040

d) Divide by 12 to complete the pattern:
20 736; 1 728; 144; 12

5.2 Use the symbols **<** or **>** or **=** to complete the following.

- 14 x 20 = 7 x 40
- 36 ÷ 9 < 45 ÷ 9
- 245 – 150 = 19 x 5
- 300 ÷ 10 = 33 ÷ 11 x 10
- 625 – 300 = 65 x 5

5.3 Circle the correct answer.

a) The product of 32 and 10 is:

1) 42

2) 22

3) 320

4) 3,2

6

b) Increase 126 by 15:

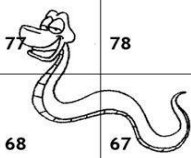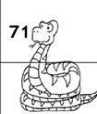1) 1 890   2) 141

3) 111   4) 14

c) Decrease 285 by 95:

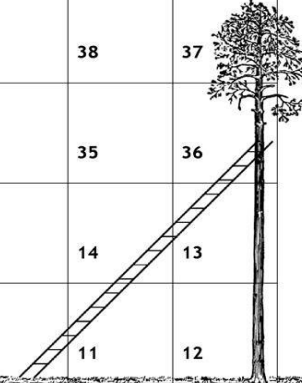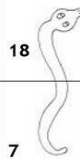1) 3   2) 27 075

3) 190   4) 380

d) Calculate the quotient of 265 and 5?

1) 53   2) 1 325

3) 260   4) 270

5.4 Use the clues to play the game. Begin at 'START'.

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1) 196 ÷ 28 = 7
2) Add 3 x 3 forwards   9
3) Move 964 – 953 backwards   11
4) Move forward 666 ÷ 74= 9
5) Move 510 ÷ 30 spaces to the right and up   17
6) Move 1 963 – 1 956 to the right   7

5.5 On which block did you stop? 33

7

QUESTION 6

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

6.1 Halve 7 652

7 652 ÷ 2 = 3 826

6.2 Double 2 469

2 469 x 2 = 4 938

6.3 Add the following numbers: 7 642; 946 and 2 313

7 642 + 946 + 2 313 = 10 901

6.4 Subtract the numbers: 12 390 and 9 633

12 390 – 9 633 = 2 757

6.5 Divide 1 112 by 8

1 112 ÷ 8 = 139

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6.6 Subtract the sum of 5 641 and 855 from 9 000

5 641 + 855 = 6 496

9 000 – 6 496 = 2 504

6.7 Divide the product of 136 and 4 by 17

136 x 4 = 544

544 ÷ 17 = 32

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6.8 Add 13 649 to the product of 94 and 75

94 x 75 = 7 050

13 649 + 7 050 = 20 699

6.9 Subtract 1 806 from the product of 63 and 35

63 x 35 = 2 205

2 205 – 1 806 = 399

6.10 Subtract the sum of 12 736 and 2 790 from the sum of 15 799 and 6 420

12 736 + 2 790 = 15 526

15 799 + 6 420 = 22 219

22 219 – 15 526 = 6 693

6.11 Multiply the quotient of 2 112 and 24 by 7

2 112 ÷ 24 = 88

88 x 7 = 616

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6.12 Add the product of 56 and 56 to the quotient of 4 697 ÷ 7

56 x 56 = 3 136

4 697 ÷ 7 = 671

3 136 + 671 = 3 807

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