

MATHEMATICS

GRADE 4

TERM 2

DATE:

1. TOPIC: ADDITION AND SUBTRACTION 1 Week Covid19 Plan

2. CONCEPTS & SKILLS TO BE ACHIEVED:

By the end of the week learners should know and be able to;

- Addition: Using the breaking up method to add
- Subtraction: Using the breaking down method to subtract
- Solving different types of word problems
- Explore different calculation strategies.

3. RESOURCES:	Sasol-Inzalo Term 2 book, Textbooks (for further practice)
4. Icons	<p>Indicates notes to teachers, parents and/or the learner</p>  <p>Icon for teachers</p>  <p>Icon for parents</p>  <p>Icon for learners</p>

1. (Day 1: +/-10 mins): INTRODUCTION

Start class with the following questions:



- Refresh your memory (verbally – can you expand these numbers?)

a. $1\ 647 =$ _____

b. $2\ 370 =$ _____

c. $7\ 564 =$ _____

d. $4\ 976 =$ _____

- Try to do these mental calculations:

e. $4\ 000 + 6\ 000 =$ _____

b. $6\ 800 + 3\ 200 =$ _____

c. $5\ 300 + 4\ 700 =$ _____

d. $10\ 000 - 4\ 000 =$ _____

e. $7\ 500 - 3\ 500 =$ _____

f. $8\ 365 - 5\ 000 =$ _____

g. $4\ 287 + \underline{\hspace{2cm}} = 4\ 300$

h. $3\ 063 + \underline{\hspace{2cm}} = 6\ 000$

i. $624 + \underline{\hspace{2cm}} = 8\ 000$



Use the following example to explain the concept of addition using the Breaking up method. Breaking up one number.

One way to calculate $3\ 785 + 4\ 667$ is to break the $4\ 667$ down into its place value parts and add them one by one to $3\ 785$:

$$4\ 667 = 4\ 000 + 600 + 60 + 7$$

$$3\ 785 + 4\ 000 = 7\ 785$$

$$7\ 785 + 600 = 8\ 385$$

$$8\ 385 + 60 = 8\ 445$$

$$8\ 445 + 7 = 8\ 452$$

The smaller parts can be added first if you prefer to do so:

$$3\ 785 + 7 = 3\ 792$$

$$3\ 792 + 60 = 3\ 852$$

$$3\ 852 + 600 = 4\ 452$$

$$4\ 452 + 4\ 000 = 8\ 452$$

2. Let's investigate

(a). Will we get the same answer if we start with 4667?

$$3\ 000 + 700 + 80 + 5$$

$$4\ 667 + 3\ 000 =$$

$$7\ 667 + 700 =$$

$$8\ 367 + 80 =$$

$$8\ 447 + 5 =$$

3. Calculate:

(a) $1\ 212 + 8\ 688$

(b) $5\ 421 + 3\ 399$

(c) $5\ 583 + 3\ 489$

(d) $7\ 354 + 1\ 687$

(e) $\square - 4\ 675 = 4\ 588$

(f) $\square - 789 = 2\ 334$

CONSOLIDATION / CONCLUSION & HOMEWORK

(Day 2 -Activity 2 +/- 40min): Calculating addition: Breaking up both numbers.



To calculate $3\ 465 + 4\ 574$ you can break *both* numbers down, work with the parts of the same kind, and then build the answer up.

Break down:

$$\begin{aligned}3\ 465 &= 3\ 000 + 400 + 60 + 5 \\4\ 574 &= 4\ 000 + 500 + 70 + 4\end{aligned}$$

Writing the expanded notations in separate lines makes it easier to see which parts belong together.

Work with the parts:

$$\begin{aligned}3\ 000 + 4\ 000 &= 7\ 000 \\400 + 500 &= 900 \\60 + 70 &= 130 \\5 + 4 &= 9\end{aligned}$$

Build up the answer:

$$\begin{aligned}3\ 465 + 4\ 574 &= 7\ 000 + 900 + 130 + 9 \\&\quad \text{Transfer 100 from 130 to 900} \\&= 7\ 000 + 1\ 000 + 30 + 9 \\&\quad \text{Transfer 1 000 to 7 000} \\&= 8\ 000 + 0 + 30 + 9 \\&= 8\ 039\end{aligned}$$

When $3\ 465 + 4\ 574$ is calculated, do you think it matters which of 4 000, 500, 70 and 4 is added to 3 465 first and which part is added next?

Complete these calculations to check your answer:

(a) $3\ 465 + 4 \rightarrow \dots + 70 \rightarrow \dots + 500 \rightarrow \dots + 4\ 000 = \dots$

(b) $3\ 465 + 70 \rightarrow \dots + 4 \rightarrow \dots + 4\ 000 \rightarrow \dots + 500 = \dots$

(c) $3\ 465 + 500 \rightarrow \dots + 4\ 000 \rightarrow \dots + 4 \rightarrow \dots + 70 = \dots$

Break all numbers down to calculate the following:

(a) $4\ 478 + 3\ 827$

(b) $6\ 289 + 1\ 877$

(c) $866 + 967 + 678$

(d) $1\ 287 + 991 + 658 + 786$

(Day 3: +/-10 mins): INTRODUCTION: SUBTRACTION

Fill in the missing answers. Explain how you found the answers.

- a) $90 + \dots = 100$
- b) $85 + \dots = 100$
- c) $78 + \dots = 200$
- d) $325 + \dots = 350$
- e) $312 + \dots = 400$
- f) $350 + \dots = 525$

(Day 3: Activity 2 +/- 30 – 40 mins). Subtraction: Using the breaking up method.

1.



To calculate $6\ 878 - 4\ 465$ you can break *both* numbers down into place value parts, work with the parts of the same kind, and then build the answer up.

Break down:

$$\begin{aligned}6\ 878 &= 6\ 000 + 800 + 70 + 8 \\4\ 465 &= 4\ 000 + 400 + 60 + 5\end{aligned}$$

Work with the parts:

$$\begin{aligned}6\ 000 - 4\ 000 &= 2\ 000 \\800 - 400 &= 400 \\70 - 60 &= 10 \\8 - 5 &= 3\end{aligned}$$

Build up the answer:

$$6\ 878 - 4\ 465 = 2\ 000 + 400 + 10 + 3 = 2\ 413$$

The above actions can also be described by using brackets:

$$\begin{aligned}6\ 878 - 4\ 465 &= (6\ 000 + 800 + 70 + 8) - (4\ 000 + 400 + 60 + 5) \\&= (6\ 000 - 4\ 000) + (800 - 400) + (70 - 60) + (8 - 5) \\&= 2\ 000 + 400 + 10 + 3 \\&= 2\ 413\end{aligned}$$

2. Calculate each of the following by breaking both numbers down into place value parts, working with the parts and building the answers up.

(a) $7\ 698 - 2\ 354$

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(b) $6\ 567 - 4\ 143$

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(c) $6\ 559 - 3\ 325$

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(d) $6\ 552 - 3\ 325$

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2. Ben has R4 325 and he pays R2 768 rent for his house.
How much money will he have left?

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3. Farmer Cele has two farms. He calls them Farm A and Farm B. He has 2 347 goats on Farm A. Altogether, there are 5 479 goats on the two farms.

(a) How many goats are there on Farm B?

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(b) Farmer Cele takes 1 234 goats from Farm A to Farm B. How many goats are left on Farm A?

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4. CONSOLIDATION / CONCLUSION & HOMEWORK (Day 2)

- a. Tebogo also has R3 787 in her purse. She pays R2 545 for a washing machine. How much money does she have left?
- b. Sarah has R4 958. She buys a refrigerator for R2 336. How much money does she have left?

1. (Day 5: +/-10 mins): INTRODUCTION

Change the words to write number sentences for the following:

a) **Add** 5 000 **and** 900.

b) **Take** 500 **from** 8 000

c) **Increase** 360 by 2 100

d) **Decrease** 2 700 by 700.

Calculate the solutions of the problems above.

a)

b)

c)

d)

(Day 5: Activity 2 +/- 30 – 40 mins). Problem-solving - Mixed activities.

- Read the problem with understanding by underlining the key words.
- Derive the plan by writing the accurate number sentence.
- Carry out the plan and use any method to solve the problem.
- Reflect by checking whether the solutions were correct or not (inverse operations can be used)

1. Between 10 o'clock and 11 o'clock 2 176 people enter a soccer stadium.

At 11 o'clock there are 6 573 people in the stadium. How many people were there at 10 o'clock?

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2. There are 4 788 Grade 4 learners in School District A and 3 866 learners in School District B.

(a) How many more Grade 4 learners are there in District A than in District B?

(b) How many Grade 4 learners are there in the two districts together?

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3. On five consecutive days a supermarket sold 657, 358, 724, 547 and 622 chickens. How many chickens were sold altogether?

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4. A contractor has to build 8 276 flush toilets in a township. He has completed 5 377. How many are still outstanding?

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5. An airline charges a fare of R4 480 for a return flight from Johannesburg to Nairobi. There are also additional fees and taxes of R3 448. What is the total cost of the air ticket?

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6. Lerato walked 5 683m. In the same period of time; Sipho walked 7 349m. How many further than Lerato did Sipho walked?

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7. CONSOLIDATION / CONCLUSION & HOMEWORK (Day 5)

a. Selina uses 3 524 litres of water from a tank to water her small field of maize. If there is then 4 852 litres of water left, how much water was in the tank.

b. A store sold 8 563 packets of chips during a month. Of these, 2 047 were sold during the last week. How many packets were sold during the first 3 weeks of the month?

c. William has to lay 8 675 bricks. He laid 2 357 bricks. How many bricks must he still lay?

MATHEMATICS

GRADE 4

TERM 2 - Memorandum

TOPIC: ADDITION AND SUBTRACTION 1 Week Covid19 Plan

1. (Day 1: +/-10 mins): INTRODUCTION

Start class with the following questions:

- Refresh your memory (verbally – can expand these numbers:

f. 1 647 = $1000 + 600 + 40 + 7$

g. 2 370 = $2000 + 300 + 70$

h. 7 564 = $7000 + 500 + 60 + 4$

i. 4 976 = $4000 + 900 + 70 + 6$

j. $4\ 000 + 6\ 000 = 1\ 000$ b. $6\ 800 + 3\ 200 = 10\ 000$

c. $5\ 300 + 4\ 700 = 10\ 000$ d. $10\ 000 - 4\ 000 = 6\ 000$

e. $7\ 500 - 3\ 500 = 4\ 000$
g. $4\ 287 + 13 = 4\ 300$
i. $624 + 8\ 624 = 8\ 000$

f. $8\ 365 - 5\ 000 = 3\ 365$
h. $3\ 063 + 2\ 937 = 6\ 000$

2. Let's investigate

(b) . Will we get the same answer if start with 4667?

$$\begin{aligned}3\ 000 + 700 + 80 + 5 \\4\ 667 + 3\ 000 = 7\ 667 \\7\ 667 + 700 = 8\ 367 \\8\ 367 + 80 = 8\ 447 \\8\ 447 + 5 = 8\ 452\end{aligned}$$

3. Calculate:

(a) $1\ 212 + 8\ 686$
 $8\ 000 + 600 + 80 + 8$
 $1212 + 8\ 000 = 9\ 212$
 $9\ 212 + 600 = 9\ 812$
 $9\ 812 + 80 = 9\ 892$
 $9\ 892 + 6 = 9\ 898$

(b) $5\ 421 + 3\ 399$
 $3\ 000 + 300 + 90 = 9$
 $5\ 421 + 3\ 000 = 8\ 421$
 $8\ 421 + 300 = 8\ 721$
 $8\ 721 + 90 = 8\ 811$
 $8\ 811 + 9 = 8\ 820$

(c) $5\ 583 + 3\ 489$
 $3\ 000 + 400 + 80 + 9$
 $5\ 583 + 3000 = 8\ 583$
 $8\ 583 + 400 = 8\ 983$
 $8\ 983 + 80 = 9\ 063$
 $9\ 063 + 9 = 9\ 072$

(d) $7\ 354 + 1\ 687$
 $1\ 000 + 600 + 80 = 7$
 $7\ 354 + 1000 = 8\ 354$
 $8\ 354 + 600 = 8\ 954$
 $8\ 954 + 80 = 9\ 034$
 $9\ 034 + 7 = 9\ 041$

(e) $\square - 4\ 675 = 4\ 588$
 $4\ 588 + 4\ 675$
 $4\ 000 + 600 + 70 + 5$
 $4\ 588 + 4\ 000 = 8\ 588$
 $8\ 588 + 600 = 9\ 188$
 $9\ 188 + 70 = 9\ 258$
 $9\ 258 + 5 = 9\ 263$

(f) $\square - 4\ 789 = 2\ 334$
 $2\ 334 + 4\ 789$
 $4\ 000 + 700 + 80 + 9$
 $2\ 334 + 4\ 000 = 6\ 334$
 $6\ 334 + 700 = 7\ 034$
 $7\ 034 + 80 = 7\ 114$
 $7\ 114 + 9 = 7\ 123$

(Day 2 -Activity 2 +/- 40min): Calculating addition: Breaking up both numbers.

When $3\ 465 + 4\ 574$ is calculated, do you think it matters which of 4 000, 500, 70 and 4 is added to 3 465 first and which part is added next?

Complete these calculations to check your answer:

(a) $3\ 465 + 4 \rightarrow 3\ 469 + 70 \rightarrow 3\ 539 + 500 \rightarrow 4\ 039 + 4\ 000 = 8\ 039$

(b) $3\ 465 + 70 \rightarrow 3\ 465 + 4 \rightarrow 3\ 539 + 4\ 000 \rightarrow 7\ 538 + 500 = 8\ 039$

(c) $3\ 465 + 500 \rightarrow 3\ 965 + 4\ 000 \rightarrow 7\ 965 + 4 \rightarrow 7\ 969 + 70 = 8\ 039$

Break all numbers down to calculate the following:

(a) $4\ 478 + 3\ 827$

$4\ 000 + 400 + 70 + 8$

$3\ 000 + 800 + 20 + 7$

$4\ 000 + 3\ 000 = 7\ 000$

$400 + 800 = 1\ 200$

$70 + 20 = 90$

$7 + 8 = 15$

$7\ 000 + 1\ 000 + 200 + 90 + 10 + 5$

$= 8\ 305$

(b) $6\ 289 + 1\ 877$

$6\ 000 + 200 + 80 + 9$

$1\ 000 + 800 + 70 + 7$

$6\ 000 + 1\ 000 = 7\ 000$

$200 + 800 = 1\ 000$

$80 + 70 = 150$

$9 + 7 = 16$

$7\ 000 + 1\ 000 + 100 + 50 + 10 + 6$

$= 8\ 166$

(c) $866 + 967 + 678$

$800 + 60 + 6$

$900 + 60 + 7$

(d) $1\ 287 + 991 + 658 + 786$

$1\ 000 + 200 + 80 + 7$

$900 + 90 + 1$

600 + 70 + 8	600 + 50 + 8
800 + 900 + 600 = 2 300	700 + 80 + 6
60 + 60 + 70 = 190	1000
7 + 8 + 6 = 21	200 + 900 + 600 + 700 = 2 400
2 300 + 100 + 90 + 20 + 1 = 2 511	80 + 90 + 50 + 80 = 300
	7 + 1 + 8 + 6 = 22
	1 000 + 2000 + 400 + 300 + 20 + 2 = 3 722

(Day 3: +/- 10 mins) : INTRODUCTION

- a) 90 + 10 = 100
- b) 85 + 15 = 100
- c) 78 + 122 = 200
- d) 325 + 25 = 350
- e) 312 + 88 = 400
- f) 350 + 175 = 525

Explain how you found the answers. Learner response may differ.

Subtraction, add on method or any other correct response may be accepted.

(Day 3: Activity 2 +/- 30 – 40 mins). Subtraction: Using the breaking up method.

1.

To calculate $6\ 878 - 4\ 465$ you can break *both* numbers down into place value parts, work with the parts of the same kind, and then build the answer up.

Break down:

$$\begin{aligned}6\ 878 &= 6\ 000 + 800 + 70 + 8 \\4\ 465 &= 4\ 000 + 400 + 60 + 5\end{aligned}$$

Work with the parts:

$$\begin{aligned}6\ 000 - 4\ 000 &= 2\ 000 \\800 - 400 &= 400 \\70 - 60 &= 10 \\8 - 5 &= 3\end{aligned}$$

Build up the answer:

$$6\ 878 - 4\ 465 = 2\ 000 + 400 + 10 + 3 = 2\ 413$$

The above actions can also be described by using brackets:

$$\begin{aligned}6\ 878 - 4\ 465 &= (6\ 000 + 800 + 70 + 8) - (4\ 000 + 400 + 60 + 5) \\&= (6\ 000 - 4\ 000) + (800 - 400) + (70 - 60) + (8 - 5) \\&= 2\ 000 + 400 + 10 + 3 \\&= 2\ 413\end{aligned}$$

2. Calculate each of the following by breaking both numbers down into place value parts, working with the parts and building the answers up.

(e) $7\ 698 - 2\ 354$

$$7\ 698 = 7\ 000 + 600 + 90 + 8$$

$$2\ 354 = 2\ 000 + 300 + 50 = 4$$

$$7\ 000 - 2\ 000 = 5\ 000$$

$$600 - 300 = 300$$

$$90 - 50 = 40$$

$$8 - 4 = 4$$

$$= 5\ 000 + 300 + 40 + 4$$

$$= 5\ 344$$

(f) $6\ 567 - 4\ 143$

$$6\ 567 = 6\ 000 + 500 + 60 + 7$$

$$4\ 143 = 4\ 000 + 100 + 40 + 3$$

$$6\ 000 - 4\ 000 = 2\ 000$$

$$500 - 100 = 400$$

$$60 - 40 = 20$$

$$7 - 3 = 4$$

$$2\ 000 + 400 + 20 + 4 = 2\ 424$$

(g) $6\ 559 - 3\ 325$

$$6\ 559 = 6\ 000 + 500 + 50 + 9$$

$$3\ 325 = 3\ 000 + 300 + 20 + 5$$

$$6\ 000 - 3\ 000 = 3\ 000$$

$$500 - 300 = 200$$

$$50 - 20 = 30$$

$$9 - 5 = 4$$

$$3\ 000 + 200 + 30 + 4 = 3\ 234$$

(h) $6\ 552 - 3\ 325$

$$6\ 000 + 500 + 50 + 2$$

$$3\ 000 + 300 + 20 + 5$$

$$6\ 000 - 3\ 000 = 3\ 000$$

$$500 + 300 = 300$$

$$40 - 20 = 20$$

$$12 - 5 = 7$$

$$= 3\ 000 + 300 + 20 + 7$$

$$3\ 227$$

2. Ben has R4 325 and he pays R2 768 rent for his house.

How much money will he have left?

$$4\ 325 = 4000 + 300 + 20 + 5$$

$$2\ 768 = 2000 + 700 + 60 + 8$$

$$4000 - 2000 = 1000$$

$$1200 - 700 = 500$$

$$110 - 60 = 50$$

$$15 - 8 = 7$$

$$= R1\ 557$$

3. Farmer Cele has two farms. He calls them Farm A and Farm B. He has 2 347 goats on Farm A. Altogether, there are 5 479 goats on the two farms.

(b) How many goats are there on Farm B?

$$5\ 479 - 2347$$

$$5\ 478 = 5\ 000 + 400 + 70 + 9$$

$$2\ 347 = 2\ 000 + 300 + 40 = 7$$

$$5\ 000 - 2\ 000 = 3000$$

$$400 - 300 = 100$$

$$70 - 40 = 30$$

$$9 - 7 = 2$$

$$= 3\ 132 \text{ goats}$$

(c) Farmer Cele takes 1 234 goats from Farm A to Farm B.

How many goats are left on Farm A?

$$2\ 347 - 1234$$

$$2000 + 300 + 40 + 7$$

$$1000 + 200 + 30 + 4$$

$$2000 - 1000 = 1000$$

$$300 - 200 = 100$$

$$40 - 30 = 10$$

$$7 - 4 = 3$$

=1113

2. (Day 5: +/-10 mins): INTRODUCTION

Change the words to write number sentences for the following:

e) **Add** 5 000 **and** 900. $5\ 000 + 900 = 5\ 900$

f) **Take** 500 **from** 8 000 $8000 - 500 = 7\ 500$

g) **Increase** 360 by 2 100 $2100 + 360 = 2\ 460$

h) **Decrease** 2 700 by 700. $2\ 700 - 700 = 2\ 000$

(Day 5 : Activity 2 +/- 30 – 40 mins). Problem-solving Mixed activities.

a. Between 10 o'clock and 11 o'clock 2 176 people enter a soccer stadium. At 11 o'clock there are 6 573 people in the stadium. How many people were there at 10 o'clock?

$$6\ 573 - 2\ 176$$

$$6\ 573 = 6000 + 500 + 70 + 3$$

$$2\ 176 = 2000 + 100 + 70 + 6$$

$$6\ 000 - 2\ 000 = 4\ 000$$

$$400 - 100 = 300$$

$$160 - 70 = 90$$

$$13 - 6 = 7$$

$$= 4\ 397 \text{ people}$$

b. There are 4 788 Grade 4 learners in School District A and 3 866 learners in School District B.

(a) How many more Grade 4 learners are there in District A than in District B?

(b) How many Grade 4 learners are there in the two districts together?

$$4\ 788 - 3\ 866$$

$$4\ 788 = 4000 + 700 + 80 + 8$$

$$3\ 866 = 3000 + 800 + 60 + 6$$

$$3\ 000 - 3\ 000 = 0$$

$$1700 - 800 = 900$$

$$80 - 60 = 20$$

$$8 - 6 = 2$$

$$= 900 + 20 + 2 \text{ Learners} \quad 922 \text{ learners}$$

Number of learners in the two districts

$$4\ 788 + 3\ 866$$

$$4\ 788 = 4\ 000 + 700 + 80 + 8$$

$$3\ 866 = 3\ 000 + 800 + 60 + 6$$

$$4\ 000 + 3000 = 7\ 000$$

$$700 + 800 = 1\ 500$$

$$80 + 60 = 140$$

$$8 + 6 = 14$$

$$= 7000 + 1000 + 500 + 100 + 40 + 10 + 4$$

$$= 8\ 654 \text{ learners}$$

On five consecutive days a supermarket sold 657, 358, 724, 547 and 622 chickens.

How many chickens were sold altogether?

$$657 + 358 + 724 + 547 + 622$$

$$657 = 600 + 50 + 7$$

$$358 = 300 + 50 + 8$$

$$724 = 700 + 20 + 4$$

$$547 = 500 + 40 + 7$$

$$622 = 600 + 20 + 2$$

$$600 + 300 + 700 + 500 + 600 = 2700$$

$$50 + 50 + 20 + 40 + 20 = 180$$

$$7 + 8 + 4 + 7 + 2 = 28$$

$$2\ 700 + 180 + 28 = 2\ 908 \text{ chickens}$$

A contractor has to build 8 276 flush toilets in a township. He has completed 5 377.

How many are still outstanding?

$$8\ 276 - 5\ 377$$

$$8\ 276 = 8\ 000 + 200 + 70 + 6$$

$$5\ 377 = 5\ 000 + 300 + 70 + 7$$

$$7\ 000 - 5\ 000 = 2000$$

$$1\ 100 - 300 = 800$$

$$160 - 70 = 90$$

$$16 - 7 = 9$$

$$= 2000 + 800 + 90 + 9$$

$$= 2\ 899$$

7. An airline charges a fare of R4 480 for a return flight from Johannesburg to Nairobi.

There are also additional fees and taxes of R3 448. What is the total cost of the air ticket?

$$\begin{aligned}
 R4\ 480 + R3\ 448 \\
 4480 = 4000+400+80 \\
 3\ 448 = 3000+400+40+8 \\
 4000+3000 = 7000 \\
 400+ 400 = 800 \\
 80+40 = 120 \\
 + 8 \\
 = 7000+800+120+8 \\
 = R\ 7928
 \end{aligned}$$

8. Lerato walked 5 683m. In the same period of time; Sipho walked 7 349m. How many m further than Lerato did Sipho walked?

$$\begin{aligned}
 7\ 349m - 5\ 683m \\
 7349 = 7000+300+40+9 \\
 5683 = 5000+ 600+80+3 \\
 6000-5000 = 1000 \\
 1\ 200 - 6000 = 600 \\
 140 -80 = 60 \\
 9-3=6 \\
 = 1\ 666m
 \end{aligned}$$

4. CONSOLIDATION / CONCLUSION & HOMEWORK - (Day 5)

a. Selina uses 3 524 litres of water from a tank to water her small field of maize. If there is then 4 852 litres of water left, how much water was in the tank.

$$\begin{aligned}
 3\ 524 \text{ litres} + 4852 \\
 3\ 524 = 3000 +500+20+4 \\
 4\ 852 = 4000 +800+50 +2 \\
 3\ 000+4\ 000 = 7\ 000 \\
 500+800 = 1300 \\
 20+50 = 70 \\
 4+2 = 6 \\
 = 7000 +1\ 000 + 300 + 70+ 6 \\
 = 8\ 376 \text{ litres}
 \end{aligned}$$

b. A store sold 8 563 packets of chips during a month. Of these, 2 047 were sold during the last week. How many packets were sold during the first 3 weeks of the month?

$$\begin{aligned}
 8\ 563 - 2\ 047 \\
 8\ 563 = 8\ 000 + 500 +60+3 \\
 2\ 047 = 2\ 000 + 0 + 40 +7 \\
 8\ 000 - 2\ 000 = 6\ 000 \\
 500-0 = 500
 \end{aligned}$$

$$50-40 = 10$$

$$13 - 7 = 6$$

$$6\ 000 + 500 + 10 + 6 = 6\ 516 \text{ packets of chips}$$

a. William has to lay 8 675 bricks. He laid 2 357 bricks. How many brick must he still lay?

$$8\ 675 - 2\ 357$$

$$8\ 675 = 8\ 000 + 600 + 70 + 5$$

$$2\ 357 = 2\ 000 + 300 + 50 + 7$$

$$8\ 000 - 200 = 6\ 000$$

$$600 - 300 = 300$$

$$60 - 50 = 10$$

$$15 - 7 = 8$$

$$= 6\ 318 \text{ bricks}$$