

Week 3 – To be completed in Maths 2 book.
GDE pages 128 - 141

1. What is the value of the underlined digit?	2. How would the following be written in digits?	3. How much bigger is the 3 in 643 172 than the three in 20 432?	4. 6 tens of thousands + 4 units + 7 hundreds + 9 tens + 3 thousands = ...?
<p style="text-align: center;"> <u>1</u>32 583 30 000 </p> <p>a) 3 thousand</p> <p>b) 3 million</p> <p>c) 30 thousand</p> <p>d) 3 hundred thousand</p>	<p>Five hundred and two thousand, one hundred and eighty four.</p> <p>a) 2 684</p> <p>b) 5 002 184</p> <p>c) 502 184</p> <p>d) 502 084</p>	<p>a) 2 970</p> <p>b) 2 730</p> <p>c) 2 700</p> <p>d) 29 970</p>	<p>a. 64 793</p> <p>b. 67 374</p> <p>c. 63 794</p> <p>d. 69 437</p>
5. What is the following in numbers?	6. What is the difference between the 4 in 547 132 and the 4 in 804 052?	7. Calculate:	8. How would you write the following in numbers
<p><i>One million, twenty thousand and seventeen</i></p> <p style="text-align: center;">M Hth Tth Th h t u</p> <p>a) 1 020 017</p> <p>b) 120 017</p> <p>c) 1 002 017</p> <p>d) 1 200 017</p>	<p>a) 360 000</p> <p>b) 3 600</p> <p>c) 36 000</p> <p>d) 10 000</p>	<p>8 tens + 4 hundreds + 2 ten thousands + 9 units = ?</p> <p>a) 8 429</p> <p>b) 2 489</p> <p>c) 20 489</p> <p>d) 24 089</p>	<p>two million, two hundred and six thousand and nine.</p> <p>a) 226 009</p> <p>b) 2 026 900</p> <p>c) 2 206 009</p> <p>d) 2 260 009</p> <p style="text-align: center;">M Hth Tth Th h t u</p>
9. What is my number?		10. What is my number?	
<ul style="list-style-type: none"> • My number has 5 digits. • The ten thousand digit is the same as the hundreds digit, and it is an odd number which can be divided by 3 to make 3. • The thousands digit is bigger than 8. • The units digit is the first prime number in our number line. • The tens digit is smaller than 1. 	<p>a) 99 901</p> <p>b) 99 902</p> <p>c) 69 601</p> <p>a) 69 602</p>	<ul style="list-style-type: none"> • My number has 5 digits. • The ten thousand digit is a prime number less than 3. • The hundreds digit is the product of 3². • The thousands digit is the 2nd multiple of 4. • The units digit is equal to 3-1+2. • The tens digit is one digit greater than the units digit. 	<p>a) 28 954</p> <p>b) 18 954</p> <p>c) 28 910</p> <p>d) 18 654</p>

11. What is the value of the underlined digit? 538 564

30 000

- a) 3 000
- b) 30 000
- c) 300 000
- d) 30

13. What number has 5 hundreds, 4 more tens than hundreds and 3 fewer ones than tens?

- a) 5 543
- b) 965
- c) 596
- d) 569

12. Six thousands = Tens.

- a) 60
- b) 6
- c) 6 000
- d) 600

14. How is the number 23 thousand and 39 units written in standard notation?

- a) 23 039
- b) 2 339
- c) 23 390
- d) 23 099

15. 99 248 rounded to the nearest 100 is ...

- a) 99 000
- b) 99 100
- c) 99 150
- d) 99 200

17. How many 10 thousands are equal to 800 000?

- a) 8
- b) 80
- c) 800
- d) 8 000

16. Which of the following is the closest estimate of $8\,898 \times 6$?

- a) $8\,800 \times 6$
- b) $8\,900 \times 5$
- c) $8\,900 \times 6$
- d) $9\,000 \times 6$

18. In this number, what is the value of the 5? 7 3 5 6 2 4 1

- a) 5 thousand
- b) 5 hundred thousand
- c) Fifty thousand
- d) 5 million

19. 7 3 5 6 2 4 1

What is the result when the value of the 2 is subtracted from the value of the 6?

- a) 400
- b) 4
- c) 6 200
- d) 5 800

21. How would the following be written in digits?

Five hundred and two thousand, one hundred and eighty four.

- a) 2 684
- b) 5 002 184
- c) 502 184
- d) 502 084

20. 7 3 5 6 2 4 1

What is the product of the value of the 4 and the value of the 1?

- a) 400
- b) 440
- c) 40
- d) 41

product is the answer to a x calculation

22. What is the value of the underlined digit? 132 583

- a) 3 thousand
- b) 3 million
- c) 30 thousand
- d) 3 hundred thousand

23. I have a number. It has:

4 thousands, 5 ones, 6 tens of thousands and 5 tens. What number do I have?

- a) 46 550
- b) 64 055
- c) 6 505
- d) 64 505

25. What are all the multiples of 2 called?

- a) Odd numbers
- b) Even numbers
- c) Both odd and even
- d) Neither odd nor even

24. Every number is a multiple of ...

- a) Only 1.
- b) Only itself.
- c) 2.
- d) 1 and itself.

26. I am a 3 digit number that is equally divisible by 6. I have a 2 in my hundreds and a 4 in my tens.

What number am I?

- a) 248
- b) 426
- c) 247
- d) 246

27. The number 54 378 rounded to the nearest thousand is...

- a) 54 000
- b) 55 000
- c) 54 400
- d) 54 300

Did you know?

$$\begin{array}{r} \text{4 Quotient} \\ \text{divisor } 3 \) \ 12 \text{ dividend} \end{array}$$

$4 \times 3 = 12$ is the product, answer to a x calculation

When working with kilograms and grams, change them all to grams and then work out your answer.

The same applies for km and m, cm and mm.

Did you know?

A factor is a number that divides exactly into another whole number.

Example the factors of 12 re:

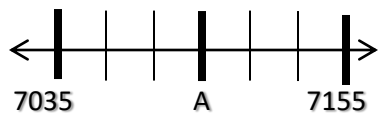
1,12,2,6,3,4 because they all divide exactly into 12.

Did you know?

When identifying polygons, remember, tri = 3 , quad = 4, penta = 5, hexa = 6, hepta = 7, octa = 8, nona = 9, deca = 10

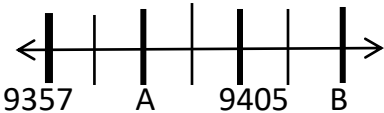
A line of symmetry is an imaginary line that halves a shape op picture, and each half is an exact mirror image (reflection) of the other.

1. What is the value of A on the number line?



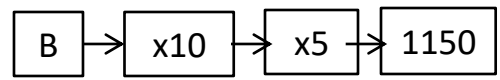
- a) 7 130
 b) 7 105
 c) 7 080
 d) **7 095**
- ($7155 - 7035 = 120 \div 6 = 20$)
 $7035 + 20 + 20 + 20 = 7095$

2. What is the value of A and B on the number line.



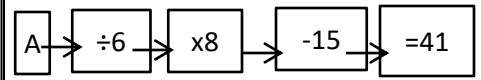
- a) A=9378 B=9425
 b) A=9381 B=9429
 c) A=9367 B=9420
 d) A=9387 B=9430
- ($9405 - 9357 = 48 \div 4 = 12$)
 $9357 + 12 + 12 = 9381$)

3. Calculate the value of B in the number sentence?



- a) 23 ($1150 \div 5 \div 10 = 23$)
 b) 25
 c) 30
 d) 35

4. Calculate the value of A in the number sentence below.



- a) 54
 b) 30
 c) 48
 d) **42** ($41 + 15 \div 8 \times 6 = 42$)

5

One million, twenty thousand and seventeen

M Hth Tth Th h t u

a) **1 020 017**
 b) 120 017
 c) 1 002 017
 d) 1 200 017

6. What is the difference between the 4 in 547 132 and the 4 in 804 052?

- a) **360 000**
 b) 3 600
 c) 36 000
 d) 10 000

7. Calculate:

8 tens + 4 hundreds + 2 ten thousands + 9 units = ?

a) 8 429
 b) 2 489
 c) **20 489**
 d) 24 089

8. How would you write the following in numbers

two million, two hundred and six thousand and nine.

a) 226 009
 b) 2 026 900
 c) 2 206 009
 d) 2 260 009

M Hth Tth Th h t u

9. What is my number?

- My number has 5 digits.
- The ten thousand digit is the same as the hundreds digit, and it is an odd number which can be divided by 3 to make 3.
- The thousands digit is bigger than 8.
- The units digit is the first prime number in our number line.
- The tens digit is smaller than 1.

10. What is my number?

- a) **99 901**
 b) **99 902**
 c) **69 601**
 a) **69 602**

- My number has 5 digits.
- The ten thousand digit is a prime number less than 3.
- The hundreds digit is the product of 3^2 .
- The thousands digit is the 2nd multiple of 4.
- The units digit is equal to $3 - 1 + 2$.
- The tens digit is one digit greater than the units digit.

- a) 28 954
 b) 18 954
 c) 28 910
 d) 18 654

11. Choose which set of the missing signs in (a) –(d) would complete the number sentence:

- a) $+ \times \div$
- b) $- \times +$
- c) $\times + \div$
- d) $\div \times +$

$$\text{Answer} = (6 \times 3) + 8 \div 2 = 22$$
$$18 + 4 = 22$$

13. Which sentence in a – d is true?

Last week Sipho and Thombi were both absent from school for three days.

- a) Sipho was absent on Wednesday and Thombi was present.
- b) Sipho and Thombi were both absent on Tuesday.
- c) Both Sipho and Thombi had flu.
- d) On at least one day both children were absent.

12. Which number sentence in a – d represents the statement below?

3 times the sum of 2 and 4

- a) $3 \times 2 + 4$
- b) $3 + (2 \times 4)$
- c) $3 \times 4 + 2$
- d) $3 \times (2 + 4)$

14. Which number sentence has the same answer?

$$(26 \times 39) + (26 + 1) = \dots?$$

- a) $(26 \times 40) + 1$
- b) 27×39
- c) $26 \times (40 + 1)$
- d) 26×27

15. Choose the number sentence to explain the following word problem.

Farmer Brown has 318 sheep.
109 die during a drought.
He then buys 57 sheep from Farmer Green.
How many sheep does Farmer Brown have now?

- a) $318 + 109 - 57 = x$
- b) $(318 - 109) + 57 = x$
- c) $318 - (109 + 57) = x$
- d) $318 - 109 - 57 = x$

16. Pick a number sentence to explain the following word problem.

James works at a video store.
On Monday, James sold 158 videos.
On Tuesday he sold 234 videos.
On Wednesday he sold half of what he sold on Monday and Tuesday altogether.

How many videos did James sell altogether?

- a) $158 + 234 + \frac{1}{2} \div (158 + 234) = x$
- b) $158 + 234 + \frac{1}{2} \times (158 + 234) = x$
- c) $158 + 234 + 158 + 234 \div 2 = x$
- d) $158 + 234 + (158 + 234) \div 2 = x$

17. The difference between 7 804 and 5 967 is ...?

- a) 2 163
- b) 1 837
- c) 1 945
- d) 1 798

18. If $A = 33$, $B = 22$, $C = 37$, $D = 11$ and $E = 40$, write the answer to the sum as a letter.

$$C + E - B - A = \square$$

- a) A
- b) B
- c) C
- d) D