

1.0 WHOLE NUMBERS

1.1 Name dan write numbers up to 1 000 000.

No	Value in words	Value in numerals
1	Two hundred thousand and two	
2	Eighty thousand and twenty-seven	
3	Sixty-one thousand and seven	
4	Five hundred thirty-six thousand and three hundred	
5	Two hundred four thousand and fifty	
6	Eighty thousand five hundred	
7	Seven hundred two thousand and sixteen	
8	Three hundred thousand four hundred and five	
9	Forty-seven thousand eight hundred and six	
10	Nineteen thousand and eighty-nine	
11	Eight hundred three thousand and fifty	
12	Seventy-five thousand and fifteen	
13	Sixty thousand and nine	
14	Five thousand and eighty-one	
15	Twenty-five thousand three hundred	
16	Three hundred two thousand eight hundred and three	
17	Forty thousand two hundred	
18	Fifty-three thousand and forty-four	
19	Sixty-six thousand six hundred and three	
20	Seven hundred thousand and two	

1.2.1 Express in decimals of a million.

No	Value	Numeral
Example	0.34 million	340 000
1	1.098 million	
2	2.3 million	
3	3.45 million	
4	4.04 million	
5	5.003 million	
6	6.23 million	
7	7.7 million	
8	8.91 million	
9	6.87 million	
10	3.45 million	
11	6 590 000	
12	4.23 million	
13	5.64 million	
14	2.25 million	
15	2.19 million	
16	4.37 million	
17	5.09 million	
18	5.67 million	
19	7.09 million	
20	5.47 million	

1.2.2 Express numerals to decimal of million.

No	Numerals	Decimal of million
Example	340 000	0.34 million
1	690 000	
2	609 000	
3	6 908 000	
4	7 689 000	
5	5 768 000	
6	786 000	
7	675 000	
8	6 574 000	
9	5 769 000	
10	540 000	
11	6 590 000	
12	4 680 000	
13	6 859 000	
14	560 000	
15	789 000	
16	5 768 000	
17	6 890 000	
18	7 200 000	
19	3 589 000	
20	567 000	

1.2.3 Express in fractions of a million to numeral.

No	Fractions	Numerals
1	$\frac{1}{4}$ million	
2	$\frac{1}{5}$ million	
3	$\frac{2}{5}$ million	
4	$2\frac{1}{4}$ million	
5	$3\frac{1}{2}$ million	
6	$7\frac{3}{4}$ million	
7	$5\frac{1}{4}$ million	
8	$8\frac{2}{5}$ million	
9	$2\frac{3}{4}$ million	
10	$\frac{1}{10}$ million	
11	$6\frac{1}{4}$ million	
12	$5\frac{1}{10}$ million	
13	$8\frac{1}{5}$ million	
14	$10\frac{1}{4}$ million	
15	$3\frac{3}{4}$ million	
16	$2\frac{1}{4}$ million	
17	$6\frac{2}{5}$ million	
18	$8\frac{1}{4}$ million	
19	$5\frac{1}{10}$ million	
20	$8\frac{2}{5}$ million	

1.2.4 Express numerals in fraction of a million

No	Numerals	Fractions
1	900 000	
2	820 000	
3	450 000	
4	3 500 000	
5	5 500 000	
6	5 250 000	
7	6 500 000	
8	750 000	
9	500 000	
10	6 500 000	
11	1 750 000	
12	5 250 000	
13	5 000 000	
14	5 250 000	
15	4 250 000	
16	400 000	
17	5 750 000	
18	2 500 000	
19	3 100 000	
20	9 250 000	

1.1.1 Write in words.

No	Value	Value in words
1	12 063	
2	4 006	
3	3 098	
4	3 906	
5	193 063	
6	700 543	
7	90 652	
8	76 530	
9	72 055	
10	22 002	
11	33 303	
12	40 404	
13	55 099	
14	209 876	

15	107 653	
16	70 876	
17	11 011	
18	76 002	
19	53 000	
20	76 307	

1.1.3 Built the biggest and least **four digit number** from following numbers.

No	Question	Biggest numbers	Least numbers
1	3 , 4 , 0 , 6		
2	1 , 2 , 1 , 3		
3	0 , 2 , 4 , 0		
4	3 , 1 , 6 , 7		
5	0 , 0 , 1 , 4		
6	3 , 5 , 2 , 9		
7	2 , 2 , 3 , 1		

8	2, 6, 6, 7		
9	6, 2, 5, 7		
10	1, 3, 5, 2		
11	5, 3, 2, 1, 7		
12	0, 3, 0, 1, 0		
13	1, 2, 3, 1, 2		
14	2, 4, 6, 0, 4		
15	9, 9, 2, 0, 8		
16	3, 9, 8, 0, 1		
17	1, 1, 1, 1, 2		
18	3, 3, 4, 4, 3		
19	6, 6, 3, 3, 4		
20	7, 3, 6, 4, 6		

1.3.1 State the place value and digit value for underlined digit.

No	Question	Place Value	Digit value
1	25 5 <u>6</u> 7		
2	34 <u>5</u> 78		
3	20 0 <u>9</u> 8		
4	12 <u>9</u> 008		
5	<u>2</u> 34 872		
6	109 <u>4</u> 55		
7	<u>3</u> 409		
8	2 <u>3</u> 08		
9	3 4 <u>5</u> 6		
10	<u>2</u> 3 478		
11	45 <u>7</u> 85		
12	6 <u>7</u> 543		
13	45 7 <u>6</u> 0		
14	43 <u>6</u> 789		

15	560 <u>7</u> 63		
16	<u>3</u> 59 796		
17	459 20 <u>5</u>		
18	3 <u>4</u> 5 299		
19	4 4 <u>9</u> 6		
20	56 587		

1.3.2 State the place value and digit value for number '4'

No	Question	Place Value	Digit value
1	23 450		
2	45 789		
3	3 409		
4	3 004		
5	230 643		
6	498 123		
7	245 093		

8	654 870		
9	657 450		
10	467 875		
11	540 685		
12	498 900		
13	675 904		
14	674 799		
15	657 497		
16	748 689		
17	561 497		
18	606 453		
19	564 980		
20	475 896		

1.4 Round off these numbers to the nearest hundred, thousand and ten thousand.

No	Questions	hundred	thousand	Ten thousand
1	23 451			
2	45 451			
3	6 409			
4	9 004			
5	230 643			
6	498 123			
7	245 093			
8	356 432			
9	564 987			
10	437 982			
11	346 231			
12	145 504			
13	235 240			
14	237 459			
15	347 230			
16	344 564			
17	564 791			
18	453 670			
19	674 921			
20	453 221			

1.5 BASIC OPERATION**1.5.1 ADDITION** : Solve in vertical form

1. $2345 + 637 =$	2. $7654 + 238 =$	3. $78 + 23\,456 =$
4. $87\,654 + 2729 =$	5. $765 + 23\,718 =$	6. $15\,965 + 6028 =$
7. $568 + 12\,386 =$	8. $76\,123 + 9282 =$	9. $8765 + 12\,243 =$

10. $85\,271 + 6\,137 =$	11. $25\,418 + 238 =$	12. $4\,478 + 23\,456 =$
13. $8\,450 + 27\,296 =$	14. $7\,654 + 23\,718 =$	15. $1\,457 + 60\,428 =$
16. $7\,568 + 2\,386 =$	17. $76\,564 + 956 =$	18. $48\,765 + 2\,243 =$

1.5.2 SUBTRACTION : Minus/ Take Away/ Difference

Solve these questions in vertical form

1. $2345 - 637 =$	2. $7654 - 238 =$	3. $22\ 347 - 3\ 456 =$
4. $87\ 654 - 2729 =$	5. $23\ 765 - 3\ 718 =$	6. $15\ 965 - 6028 =$
7. $24\ 568 - 12\ 386 =$	8. $76\ 123 - 9282 =$	9. $8765 - 2\ 243 =$

10. $12\,234 - 6371 =$	11. $76\,542 - 2\,412 =$	12. $23\,378 - 3\,456 =$
13. $87\,634 - 22\,729 =$	14. $42\,765 - 23\,718 =$	15. $55\,965 - 6\,228 =$
16. $35\,568 - 4\,386 =$	17. $56\,123 - 2\,562 =$	18. $38\,765 - 4\,243 =$

1.5.3 **MULTIPLICATION** : Multiply / times

Solve these questions in vertical form

1. $2345 \times 7 =$	2. $7054 \times 8 =$	3. $7823 \times 6 =$
4. $8054 \times 9 =$	5. $765 \times 23 =$	6. $509 \times 60 =$
7. $568 \times 12 =$	8. $612 \times 42 =$	9. $1705 \times 24 =$

10. $22\,345 \times 7 =$	11. $27\,054 \times 8 =$	12. $71\,823 \times 6 =$
13. $2\,154 \times 9 =$	14. $654 \times 13 =$	15. $509 \times 30 =$
16. $568 \times 22 =$	17. $612 \times 21 =$	18. $1705 \times 14 =$

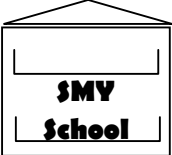
1.5.4 DIVISION : Divide

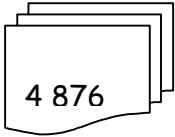

Solves these questions in vertical form

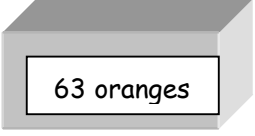
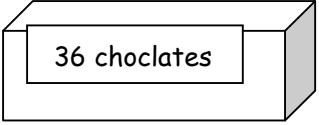
1. $2345 \div 7 =$	2. $7656 \div 8 =$	3. $7836 \div 6 =$
4. $87\ 651 \div 9 =$	5. $7656 \div 11 =$	6. $714 \div 21 =$
7. $5664 \div 32 =$	8. $76\ 120 \div 22 =$	9. $8733 \div 41 =$

1. $24\,352 \div 7 =$	2. $17\,656 \div 8 =$	3. $17\,836 \div 6 =$
4. $87\,651 \div 5 =$	5. $7656 \div 12 =$	6. $4\,714 \div 21 =$
7. $15\,668 \div 21 =$	8. $75\,120 \div 12 =$	9. $8733 \div 21 =$

1.7 PROBLEM SOLVING

Questions	Answer						
<p>1. 3560 mens take part in a marathon. There are 389 women more than men in the race. Find the total of women.</p>							
<p>2. The diagram shows the number of animals in farm X .</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>291 Goats 12 986 Cows</p> </div> <p>What is the number of animals in the farm X ?</p>							
<p>3. The diagram shows the numbers of pupils in SMY School.</p> <div style="display: flex; align-items: center; margin: 10px 0;"> <div style="border: 1px solid black; padding: 5px; text-align: center; margin-right: 10px;">  </div> <div> <p>Boy : 1 654 Girls : 1 953</p> </div> </div> <p>What is the total of the pupils in SMY School ?</p>							
<p>4. The table shows the number of stamps were collected by two pupils</p> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Pupils</th> <th style="padding: 5px;">Number of stamps</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Fahmi</td> <td style="padding: 5px;">2 874</td> </tr> <tr> <td style="padding: 5px;">Razak</td> <td style="padding: 5px;">916</td> </tr> </tbody> </table> <p>How many stamps have both boys collected ?</p>	Pupils	Number of stamps	Fahmi	2 874	Razak	916	
Pupils	Number of stamps						
Fahmi	2 874						
Razak	916						

Questions	Answer						
<p>5. There are 1350 pupils in the school. 799 are boys. How many of them are girls?</p>							
<p>6. The table shows a number of animals in two zoos .</p> <table border="1" data-bbox="312 723 916 853"> <thead> <tr> <th>Zoo</th> <th>A number of animals</th> </tr> </thead> <tbody> <tr> <td>KL</td> <td>3 568</td> </tr> <tr> <td>Melaka</td> <td>1 287</td> </tr> </tbody> </table> <p style="text-align: center;">TABLE 1</p> <p>What is the different number of animals between Kl Zoo and Melaka Zoo ?</p>	Zoo	A number of animals	KL	3 568	Melaka	1 287	
Zoo	A number of animals						
KL	3 568						
Melaka	1 287						
<p>7. Diagram 1 shows the number of Azi's stamps.</p> <div style="text-align: center;">  <p>Diagram 1</p> </div> <p>Milah has 237 stamps less than Azi . How many stamps does Milah have ?</p>							
<p>8. Diagram 2 shows the number of marbles that Dali has in box.</p> <div style="text-align: center;">  <p>Diagram 2</p> </div> <p>He gives 557 marbles to Yem. How many marbles are left ?</p>							

<p>9. There are 360 pencils in a box. How many pencils are there in similar boxes ?</p>	
<p>10. Diagram 3 shows the number of oranges in a box.</p> <div style="text-align: center;">  <p>Diagram 3</p> </div> <p>Find the total number of oranges in 12 similar boxes.</p>	
<p>11. Diagram 4 shows the numbers of chocolates in a packet.</p> <div style="text-align: center;">  <p>Diagram 4</p> </div> <p>How many chocolates are there in 9 similar packets ?</p>	
<p>12. A box can fill 24 tins of drink. Find the number of in 12 similar boxes.</p>	

Question	Answer
13. 352 participants are divided equally among 8 groups . How many participants are there in each group ?	
14. 1152 participants are divided equally into 9 camps . How many participants are there in a camp?	
15. A totals of 14 064 mangosteens been packed equally in 24 boxes big boxes. How many mangosteens are there in a box ?	
16. A total of 576 goats are given to equally in 3 different farms P,Q and R. How many goats does each of them ?	

3.0 MIXED OPERATION

3.1 MIXED OPERATION: Operations '+' '-'

Solves these questions in vertical form

1. $2345 + 637 - 2740 =$	2. $7654 + 238 - 6090 =$
3. $87\ 654 + 2729 - 79\ 570 =$	4. $765 + 23\ 718 - 8\ 654 =$
5. $568 + 12\ 386 - 7450 =$	6. $76\ 123 + 9282 - 45\ 876 =$

7. $2\,342 + 632 - 2740 =$	8. $8\,654 + 138 - 6220 =$
9. $8\,321 + 2721 - 24\,570 =$	10. $1\,765 + 21\,718 - 4\,654 =$
11. $2\,568 + 11\,386 - 750 =$	12. $16\,123 + 4282 - 5\,876 =$

13. $12\,342 + 532 - 4\,740 =$

14. $18\,654 + 138 - 5\,220 =$

15. $6\,321 + 2\,721 - 4\,570 =$

16. $4\,765 + 5\,718 - 4\,654 =$

17. $2\,364 + 5\,386 - 750 =$

18. $26\,121 + 3\,282 - 5\,876 =$

3.2 OPERATION : Operation '-' '+'
Find the answer in vertical form

1. $2345 - 637 + 3876 =$	2. $7654 - 238 + 976 =$
3. $87\ 654 - 2729 + 23\ 508 =$	4. $76\ 523 - 718 + 4\ 590 =$
5. $56\ 812 - 386 + 234 =$	6. $76\ 123 - 9282 + 78 =$

7. $12\ 345 - 837 + 3876 =$

8. $17\ 654 - 238 + 976 =$

9. $17\ 453 - 2529 + 13\ 508 =$

10. $56\ 524 - 715 + 4\ 596 =$

11. $46\ 812 - 586 + 1\ 234 =$

12. $65\ 123 - 8\ 282 + 178 =$

13. $2348 - 537 + 3576 =$

14. $8654 - 338 + 876 =$

15. $32654 - 2724 + 2324 =$

16. $56421 - 818 + 5420 =$

17. $42612 - 486 + 234 =$

18. $56123 - 8282 + 478 =$

3.3 MIXED OPERATIONS : Operation '+' 'x'
Find the answer in vertical form

1. $765 + 345 \times 7 =$	2. $987 + 54 \times 8 =$
3. $845 + 74 \times 9 =$	4. $234 + 75 \times 23 =$
5. $777 + 68 \times 12 =$	6. $765 + 61 \times 42 =$

7. $764 + 145 \times 7 =$

8. $986 + 52 \times 8 =$

9. $848 + 72 \times 5 =$

10. $534 + 76 \times 21 =$

11. $778 + 62 \times 11 =$

12. $766 + 21 \times 12 =$

13. $665 + 145 \times 4 =$

14. $887 + 52 \times 3 =$

15. $844 + 72 \times 6 =$

16. $734 + 71 \times 13 =$

17. $874 + 63 \times 12 =$

18. $865 + 51 \times 32 =$

3.4 MIXED OPERATION: Operation '-' 'x'
Solve these questions in vertical form

1. $5400 - 345 \times 7 =$	2. $9081 - 754 \times 8 =$
3. $8054 - 854 \times 9 =$	4. $5022 - 765 \times 3 =$
5. $5600 - 58 \times 12 =$	6. $8766 - 72 \times 32 =$

7. $5432 - 245 \times 7 =$

8. $8071 - 654 \times 5 =$

9. $6054 - 654 \times 5 =$

10. $6022 - 565 \times 3 =$

11. $5543 - 158 \times 12 =$

12. $9766 - 62 \times 12 =$

13. $7400 - 245 \times 3 =$

14. $8081 - 732 \times 8 =$

15. $8034 - 832 \times 9 =$

16. $5032 - 565 \times 3 =$

17. $5578 - 98 \times 12 =$

18. $5466 - 71 \times 32 =$

3.5 MIXED OPERATION : Operation '+' '\div'

Solve these questions in vertical form

1. $765 + 2345 \div 7 =$	2. $987 + 7656 \div 8 =$
3. $945 + 87651 \div 9 =$	4. $2300 + 7656 \div 11 =$
5. $2543 + 5664 \div 32 =$	6. $763 + 76120 \div 22 =$

7. $766 + 2445 \div 5 =$

8. $988 + 7653 \div 4 =$

9. $948 + 57\,551 \div 7 =$

10. $2364 + 7653 \div 11 =$

11. $2548 + 8664 \div 12 =$

12. $768 + 75\,120 \div 21 =$

13. $787 + 2365 \div 7 =$	14. $5\,987 + 7645 \div 8 =$
15. $985 + 87\,664 \div 6 =$	16. $7300 + 7641 \div 12 =$
17. $2743 + 5864 \div 21 =$	18. $863 + 72\,120 \div 12 =$

3.6 MIXED OPERATION : Operation '-' & '÷'
Solves in vertical form

1. $5200 - 2345 \div 7 =$	2. $8300 - 7656 \div 8 =$
3. $960 - 765 \div 9 =$	4. $9411 - 7656 \div 11 =$
5. $6530 - 5664 \div 12 =$	6. $94200 - 76120 \div 12 =$

7. $81\,200 - 2\,345 \div 7 =$

8. $21\,300 - 4\,656 \div 4 =$

9. $4\,350 - 766 \div 5 =$

10. $13\,411 - 7\,434 \div 6 =$

11. $16\,530 - 2\,661 \div 12 =$

12. $84\,200 - 26\,120 \div 21$

13. $21\ 200 - 1345 \div 7 =$

14. $21\ 300 - 5\ 656 \div 2 =$


15. $5\ 360 - 765 \div 5 =$

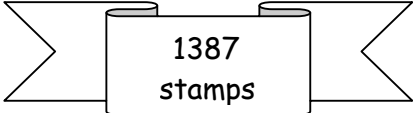
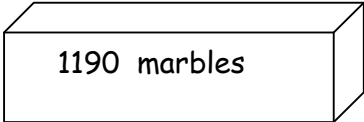
16. $33\ 411 - 3651 \div 12 =$

17. $26\ 530 - 5664 \div 13 =$

18. $84\ 200 - 36\ 120 \div 10 =$

3.7 PROBLEM SOLVING

Question	Answer
<p>1. There are 3560 boy participants. The girls participants are 389 more than the boys participants. Calculate the total amount of participants in the competition ?</p>	
<p>2. Amin has 3450 stamps. Ben has 750 stamps less than Amin. Calculate the total number of stamps both of them ?</p>	
<p>3.</p> <div style="display: flex; align-items: center; gap: 20px;">  <div style="text-align: left;"> <p>Boys : 345 pupils</p> <p>Girls : 360 pupils</p> </div> </div> <p>The enrolments of SKP are 2 times the total of SKM. How many pupils are there in SKP ?</p>	
<p>4. Faiz bought 3 packets of chocolates. There are 80 chocolates in each packet. He give 34 of it to his brother. How many chocolates does Faiz left.</p>	

Question	Answer
<p>5. The enrolment of boys in a school are 799. The number of girls are 80 pupils less than boys. Calculate the total of pupils the school?</p>	
<p>6. Diagram below shows the number of animals in a farm.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center;"> <p>234 cows</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center;"> <p>7 634 goats</p> </div> </div> <p>The number of buffaloes are 800 less than the total number of cows and goats. How many buffaloes are there ?</p>	
<p>7. Diagram below shows the number of Azi's stamp</p> <div style="text-align: center;">  </div> <p>Milah has 237 stamps less than Azi. How many stamps both of them have ?</p>	
<p>8. Diagram below shown Dali's marbles.</p> <div style="text-align: center;">  </div> <p>He gives 257 marbles to Yem and 89 marbles to Zam. How many marbles does he have left?</p>	