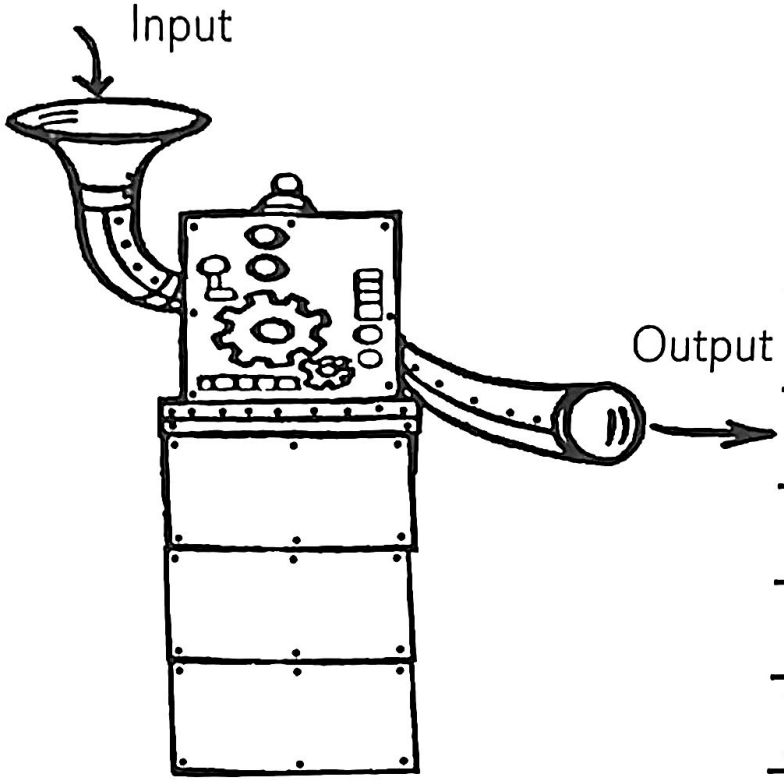
Unit 15 Activity 1

Place value

Help this machine to decompose or compose these numbers.



Input		Output
489 →	→	400 + 80 + 9
251 →	→	200 + 50 + 1
367 →	→	300 + 60 + 7
118 →	→	100 + 10 + 8
220 →	→	200 + 20 + 0
211 →	→	200 + 10 + 1
87 →	→	80 + 7
472 →	→	400 + 70 + 2
134 →	→	100 + 30 + 4
398 →	→	300 + 90 + 8

Challenge

Write the number and the name for:

1. 2 hundreds, 3 tens, 2 ones = 232 two hundred and thirty-two
2. 4 hundreds, 0 tens, 8 ones = 408 four hundred and eight
3. 1 hundred, 1 ten, 1 one = 111 one hundred and eleven
4. 3 hundreds, 3 tens, 0 ones = 330 three hundred and thirty
5. 5 hundreds, 5 tens, 5 ones = 555 five hundred and fifty five

Unit 14 Activity 5

Number patterns

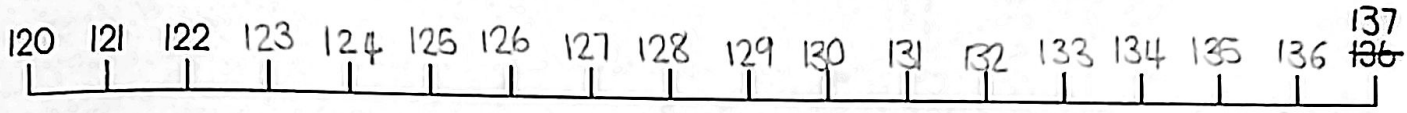
See if you can complete all these number patterns.

1. 100 105 110 115 120 125 130 135 140 145 150

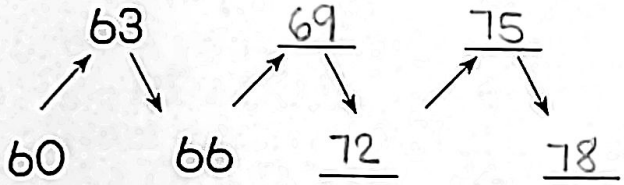
   I am counting in 5's

2. 40 50 60 70 80 90 100 110 120 130 140 150

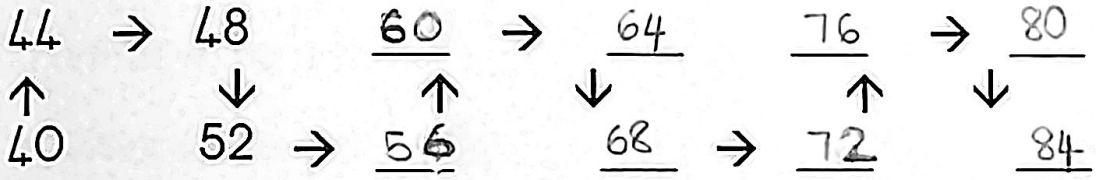
   I am counting in 10's

3. 

   I am counting in 1's

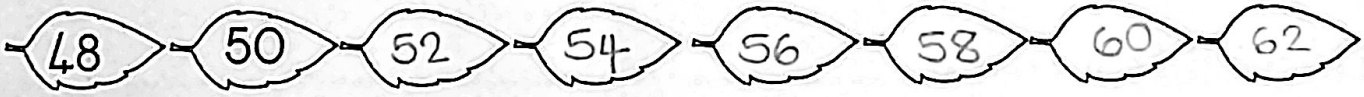
4. 

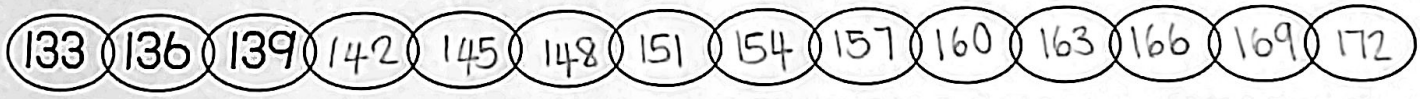
   I am counting in 3's

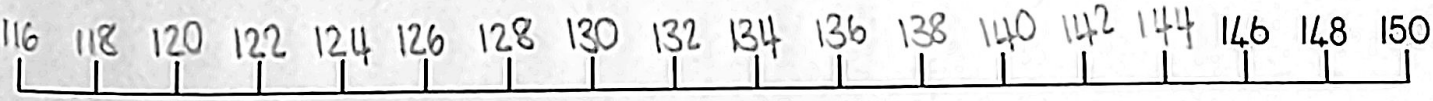
5. 

   What must I count in to complete this pattern? 4's

6. Complete these number patterns.







Unit 15 Activity 2

Place value

2 3 4

1. Use only the above 3 digits and make 6 different numbers.

234 ; 243 ; 342 ; 324 ; 423 ; 432

2. Now put the numbers you have made in order from the biggest number to the smallest number.

432 ; 423 ; 342 ; 324 ; 243 ; 234

3. Look at the biggest number:

   a. What value does the 3 have? 3 tens

   b. What value is the 4? 4 hundred

   c. What value is the 2? 2 unit/ones

   d. 400 + 30 + 2 = four hundred and thirty two

4. Look at the smallest number:

   a. What value is the 3? tens

   b. What value is the 4? unit/ones

   c. What value is the 2? hundred

   d. 200 + 40 + ___ = two hundred and fourty three

Challenge

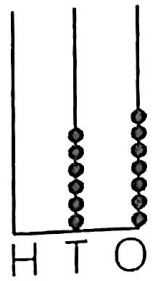
Choose 3 different digits and make 6 different numbers. Follow the above instructions for your new numbers. 1 7 6

167, 176, 617, 671, 716, 761

Unit 16 Activity 1

Subtraction

Subtract means 'take away.'
Look at this sum: 67 - 10.
67 means 60 and 7.
We take 10 away from 60 → 50
but the 7 stays the same.
67 - 10 = 57



A. Use your flard cards or abacus to help you do these sums.

1. 68 - 10 = 58
2. 99 - 20 = 79
3. 42 - 30 = 12
4. 59 - 40 = 19
5. 85 - 50 = 35
6. 77 - 60 = 17
7. 73 - 70 = 3
8. 91 - 10 = 81

B. Now try these with hundreds too.

1. 145 - 20 = 125
2. 253 - 30 = 223
3. 346 - 40 = 306
4. 488 - 70 = 418
5. 137 - 30 = 107
6. 140 - 40 = 100

C. Count backwards in tens to find these answers.

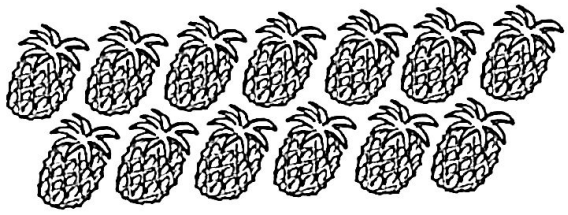
1. 105 - 30 = 75
2. 243 - 50 = 193
3. 322 - 60 = 260
4. 311 - 40 = 271

Try this problem sum!
I have 88 sweets. I eat 10 on Monday, 10 on Tuesday, 10 on Wednesday, 10 on Thursday, 10 on Friday, 10 on Saturday and 10 on Sunday. How many sweets are left? 88 - 10 - 10 - 10 - 10 - 10 - 10 - 10 = 18

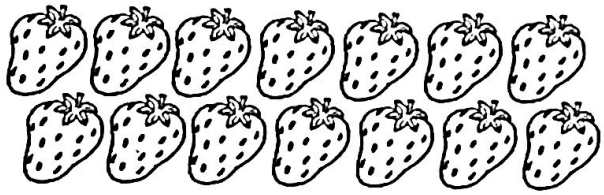
Unit 16 Activity 2

Grouping

Group these things by circling them, then fill in the missing numbers.

1. 

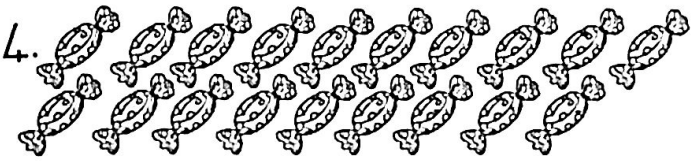
13 = 6 twos and 1 left over

2. 

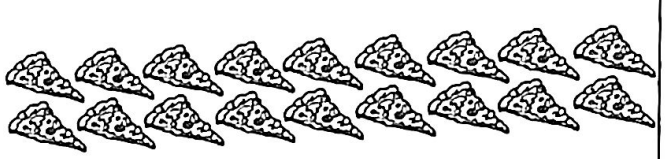
14 = 4 threes and 2 left over

3. 

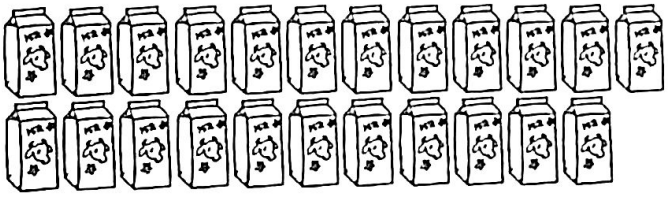
17 = 3 fives and 2 left over

4. 

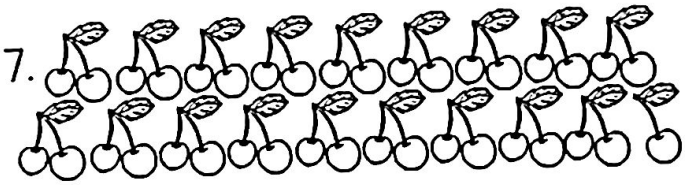
19 = 4 fours and 3 left over

5. 

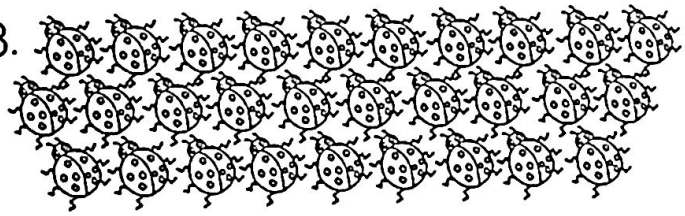
18 = 3 fives and 3 left over

6. 

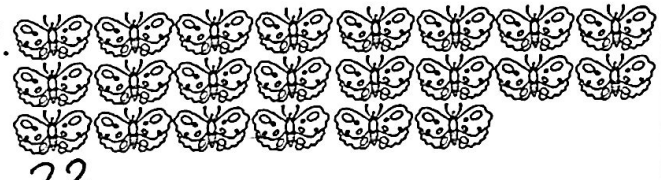
23 = 11 twos and 1 left over

7. 

37 = 3 tens and 7 left over

8. 

29 = 9 threes and 1 left over

9. 

~~24~~ 22 = 5 fours and 2 left over

10. 

26 = 2 tens and 6 left over

Date: _____

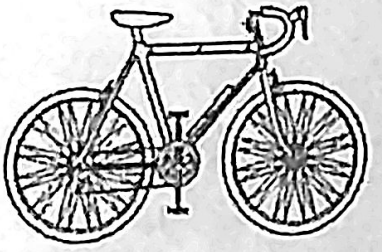
a] Which number comes before 280? 279

b] 160, 80, 40, 20, 10, 5.

8 + 7 = 15	15 - 4 = 11	16 + 0 = 16
15 - 8 = 7	10 + 5 = 15	16 - 3 = 13
16 - 11 = 5	15 - 10 = 5	3 + 13 = 16
13 + 3 = 16	6 + 10 = 16	16 - 7 = 9
15 - 12 = 3	16 - 1 = 15	6 + 9 = 15
12 + 4 = 16	10 + 6 = 16	5 + 11 = 16
16 - 5 = 11	15 - 6 = 9	15 - 2 = 13
16 - 13 = 3	16 - 9 = 7	7 + 9 = 16

1. How many wheels have 7 bicycles? 14

2. A dealer sold 43 cars and 15 lorries. How many vehicles did they sell? 58



3. I save 25 cents for 10 weeks. How much do I save? 250

4. A vendor sells 4 apples for R2,00. What does he charge for one apple? 50c

1 Fill in the value of the missing coins.

= 50c 50c

= 50c 10c 20c 20c

= 20c 20c 20c 20c 20c

= 20c 20c 10c 20c 20c 10c

= 50c 20c 20c 5c 2c 2c 1c

= 10c 10c 10c 10c 10c 20c 20c

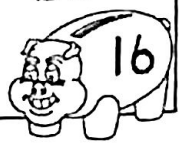
2 Word Problem.

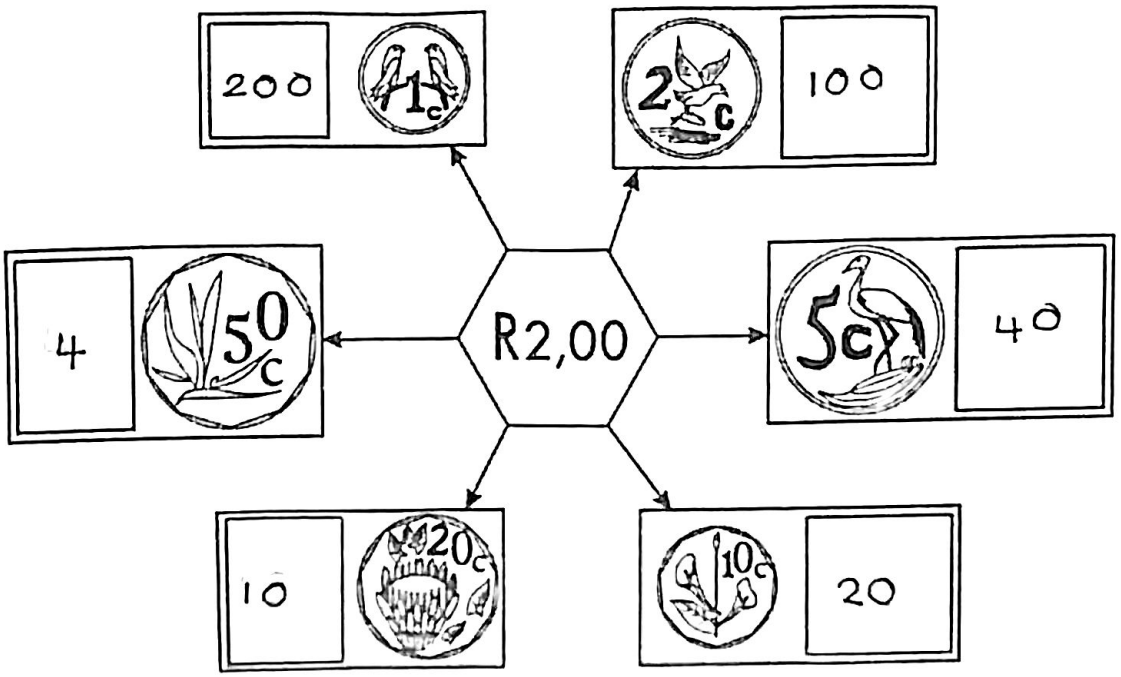
My fathers lunch cost R2,40. He paid with a R10 note. How much change did he get?

R 10.00
− R 2.40
R 7,60

His change is R 7,60

1 How many of each coin do I need to be worth R2,00?





2 Work out these sums.

$46^c + 28^c = 74^c$

$52^c + 39^c = 91^c$

$65^c + 17^c = 82^c$

3 Complete the table below.

50c coins	7	17	21	37	47	57
value	R3,50	R8,50	R13,50	R18,50	R23,50	R28,50