basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

MARKS	

ANNUAL NATIONAL ASSESSMENT 2012
GRADE 3 MATHEMATICS
TEST

3 M A T H

This test consists of 14 pages, excluding the cover page.

Instructions to learners

1. Answer all the questions in the spaces or boxes provided.

2. You may not use a calculator.

3. The test duration is 60 minutes.

4. The teacher will lead you through the practice question before
    you start.

Practice question

Calculate: 125 + 64

125 + 64

= 100 + 20 + 5 + 60 + 4   5 + 4 = 9

= 100 + 20 + 60 + 5 + 4   or   20 + 60 = 80

= 100 + 80 + 9   100 + 0 = 100

= 189   125 + 64 = 189

or

125 + 64 ⟶ 185 + 4 ⟶ 189

The test starts on the next page.

1. Complete the table:

a.	Count on in **25**s	75			
b.	Count backwards in **20**s	678			
c.	Count in **50**s			250	

2. Write the number name for each of the given number symbols:

a. 95 _____

b. 372 _____

3. Answer the following questions:

    a.   Arrange the given numbers from the biggest to the smallest.

        452   245   425   542

_____

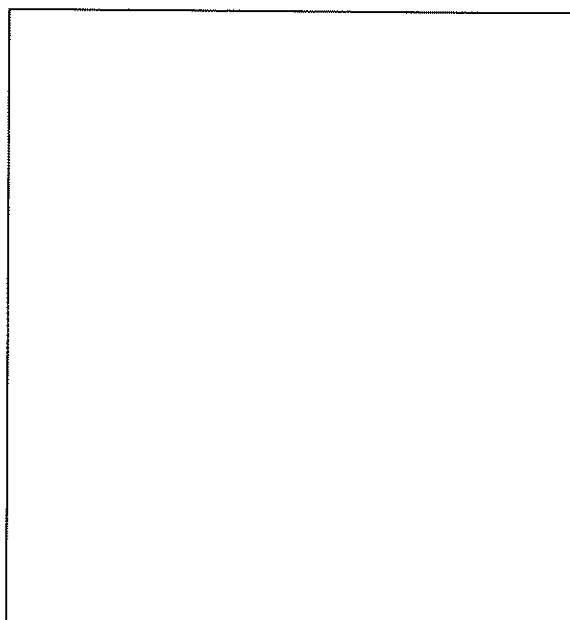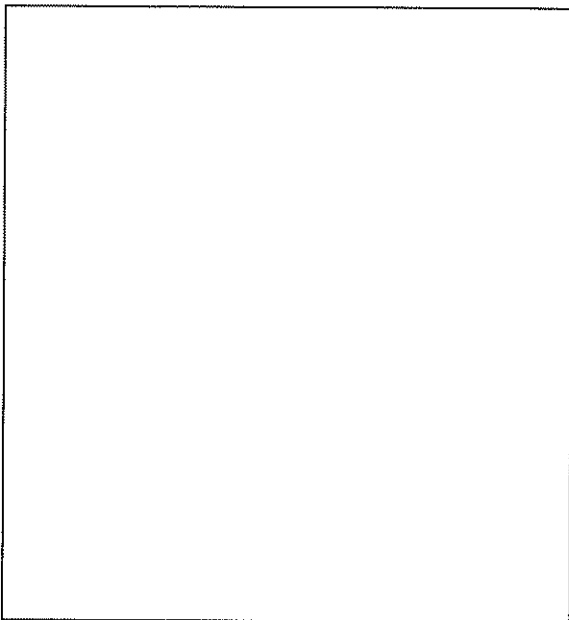   b.   Arrange the given fractions from the smallest to the biggest.

        1 third   1 quarter   1 half
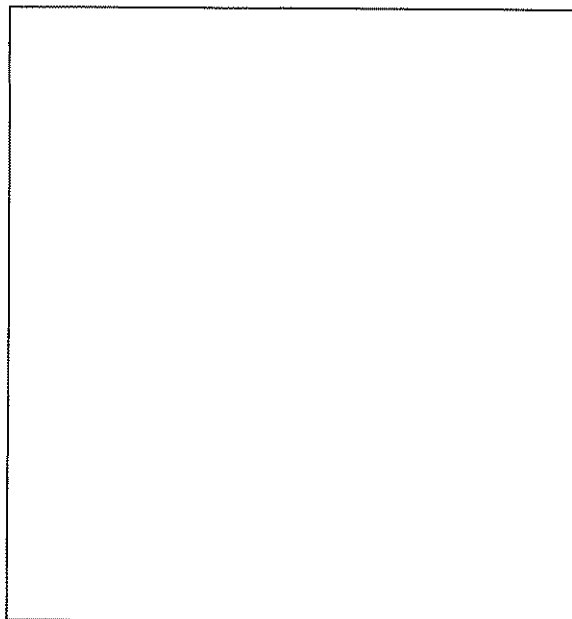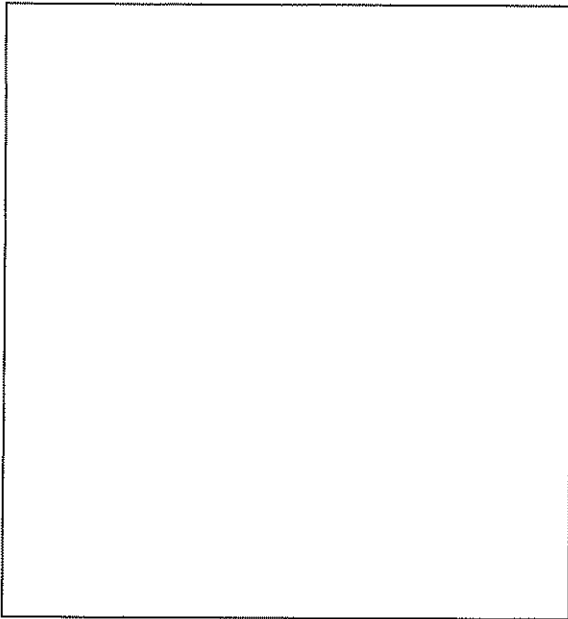
_____

4. Calculate each of the following:

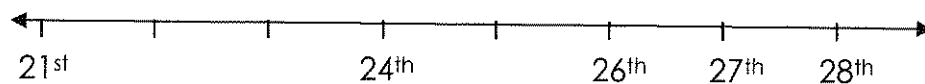   a. 431 + 213   b. 72 – 37

c. 31 x 3

d. 84 ÷ 4

5. Write down the value of the underlined digit in each given number.

a. 1 2_7_6 _____

b. _5_43 _____

6. Complete the number line by filling in the missing ordinal numbers.

21st   24th   26th 27th 28th

7. Read the price list and answer questions that follow.

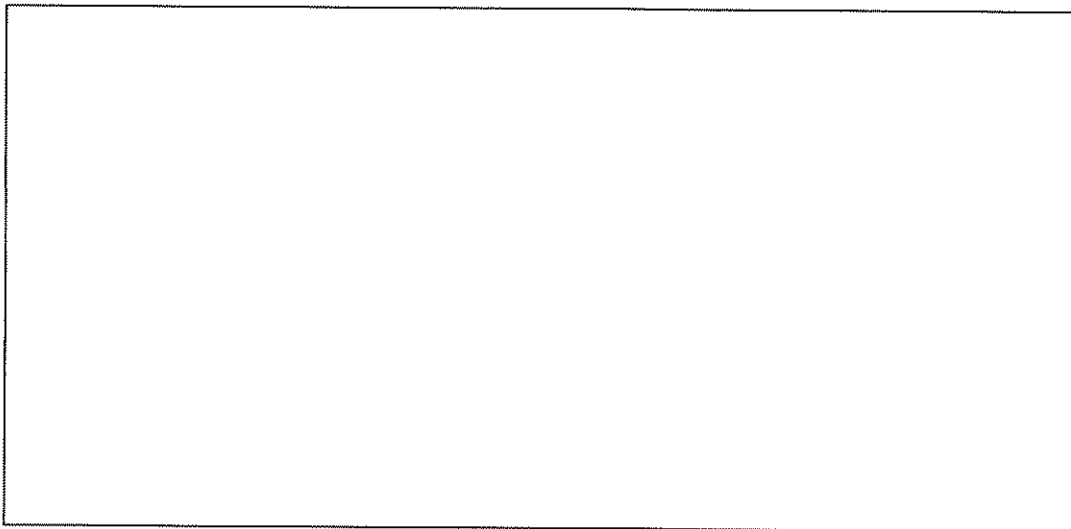| Price List		
Cooldrink	R3,40	
Packet of chips	R1,00	
Rolls	R1,50 each	
Sweets	35c each	

a. You buy 2 rolls and 1 packet of chips. You pay with a R5 coin. How much change will you get?

_____

_____

_____

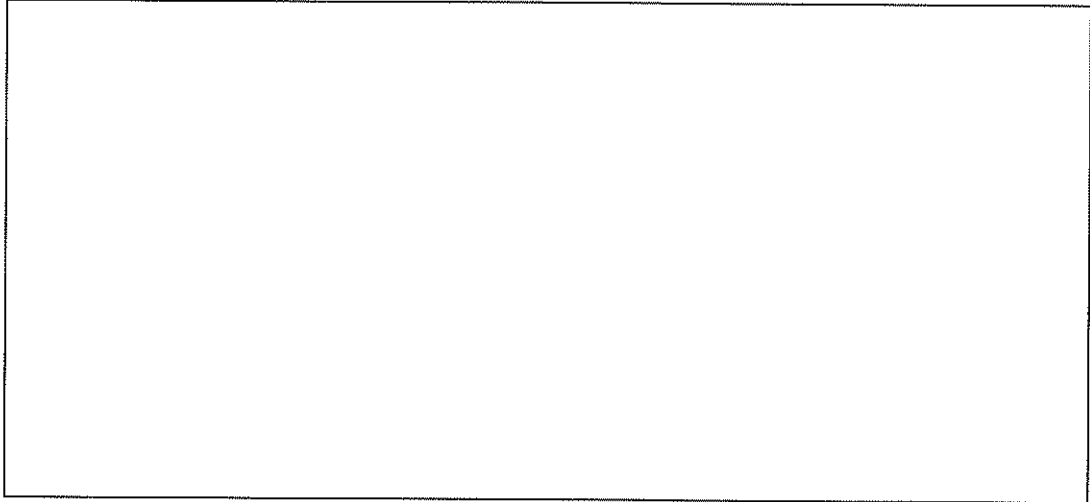b. How much less will you pay for 5 sweets than for 1 cooldrink?

_____

_____

_____

8. Answer the following questions:

a. A motorcar has four tyres and a spare tyre in the boot.

How many tyres do twelve motorcars have?

b. Mum has 69 biscuits and shares them equally between Tom and Tim. How many biscuits do each of them get?

9. Answer the following questions:

a. Write the number in the shortest form.

500 + 70 + 2 = _____

b. Break down the number 385.

385 = _____

c. Double 49 = _____

d. Complete the number line from 396 to 403.

396   403

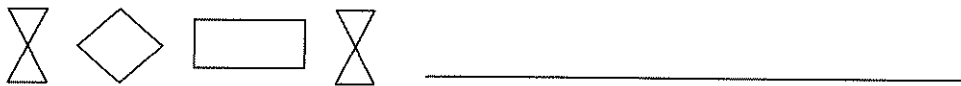e. Fill in the missing number to make a correct statement.

If $137 + 263 = 400$ then $400 - \underline{\hspace{2cm}} = 263$

f. Draw a circle around the letter of the correct answer.

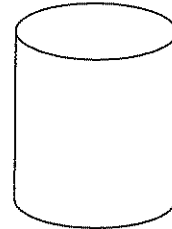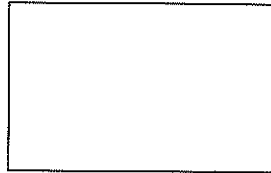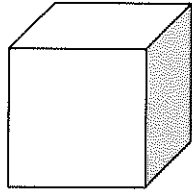Round off 297 to the nearest 10.

A   200

B   299

C   300

D   290
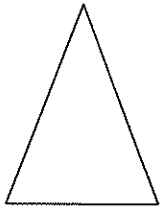
10. a. Draw the next 3 diagrams in the "repeating" diagram pattern.

b. Write down the next number in the sequence.

475 ; 425 ; 375 ; 325 ; \underline{\hspace{2cm}}

11. Write the names of the given shapes and objects in the correct columns.

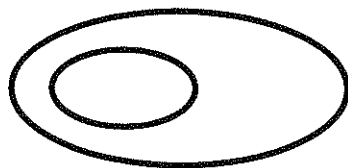| 2-D shapes	3-D objects

12. Draw a line of symmetry on each of the following shapes:

a.

b.

13. Study the calendar and then complete all the sentences.

May 2012						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

a. There are _____ days in May.

b. May has _____ Sundays.

c. June begins on a _____.

14. Answer the following questions.

   a. Circle the letter of the correct answer.

   We read 8.15 a.m. on an analogue clock as:
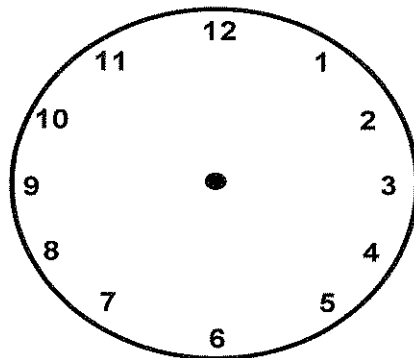
   A   quarter past eight in the evening.

   B   quarter past eight in the morning.

   C   quarter to eight in the evening.

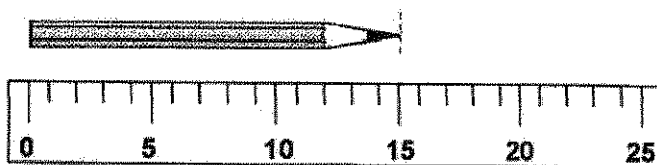   D   quarter to eight in the morning.

   b. Draw the hands on the clock face to show 11.30 p.m.

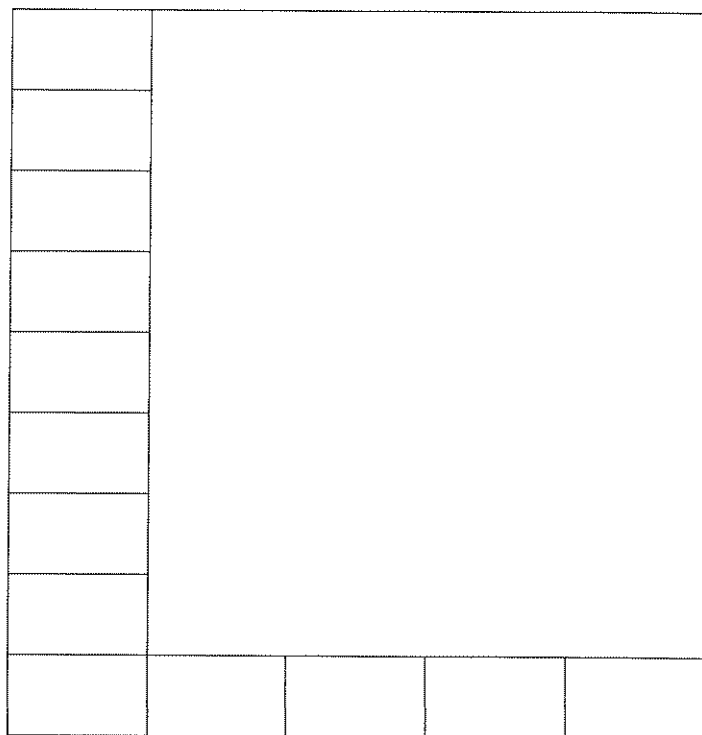   c. One and a half hours is the same as _____ minutes.

15. Underline the correct word between brackets.

a. My Mathematics book weighs less than one (gram; kilogram).

b. Mr Dlamini fills his car with thirty (litres; millilitres) of petrol.

c. The length of your reader is 18 (metres; centimetres).
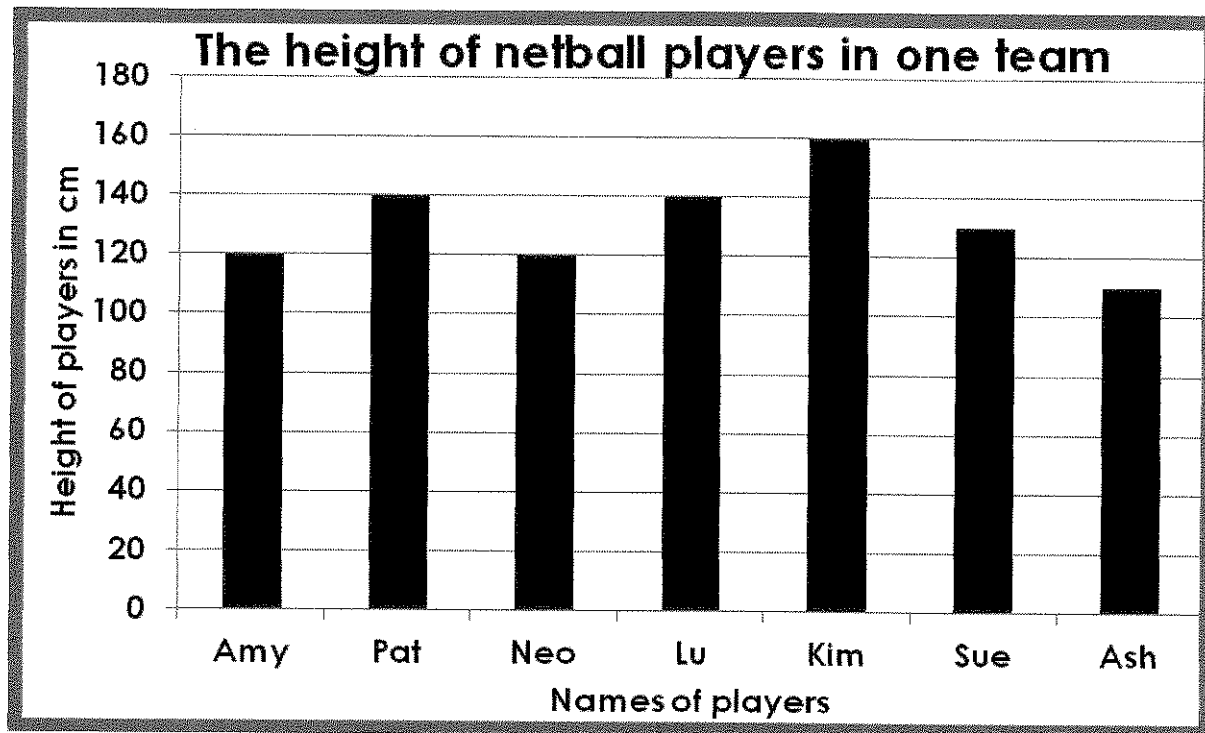
d. What is the length of the pencil?

_____ cm

16. How many tiles in total will I need to tile this frame?

Number of tiles needed = _____

17. The graph below shows the heights of all the players in a netball team. Use this graph to answer the questions that follow.

The height of netball players in one team

Height of players in cm

	Amy	Pat	Neo	Lu	Kim	Sue	Ash

Names of players

a. The number of netball players in this team is _____.

b. The name of the tallest player in this team is _____.

c. Lu's height is _____ cm.

d. Ash's height is _____ cm.

e. The player with the same height as Lu is _____.

TOTAL: 60