

Test 1

Marks: 75 Time: 60 minutes

Section A

[38]

1. Write the numbers in digits.

(4)

1.1. two hundred and thirty-five thousand, six hundred and eleven

1.2. eight hundred thousand, eight hundred and eighty-eight

1.3. five hundred and sixty-two thousand, nine hundred and seventy-nine

1.4. three million, four hundred and ninety thousand, seven hundred and twenty-two

2. Give the values of the underlined digits.

(4)

2.1. 347 685 _____

2.2. 804 967 _____

2.3. 279 825 _____

2.4. 1 486 397 _____

3. Think about prime numbers.

(5)

3.1. What is a prime number?

3.2. What is the only even prime number? _____

3.3. Find the sum of the first eight prime numbers.

3.4. List the prime numbers between 15 and 35.

4. Think about factors.

(7)

4.1. List the factors of 24 in factor pairs.

4.2. List the factors of 36 in factor pairs.

4.3. These are the factors of 48. Highlight the prime factors.

1 2 3 4 6 8 12 16 24 48

4.4. Circle the numbers in question 4.3 that are multiples of 4.

5. Highlight the odd numbers.

(1)

248 365 8 744 705 000 16 921

6. List the numbers in ascending order.

(2)

11,011 1,001 011,1 1,11 0,111 0,001 101,101

7. Write the answers as quickly as you can.

(15)

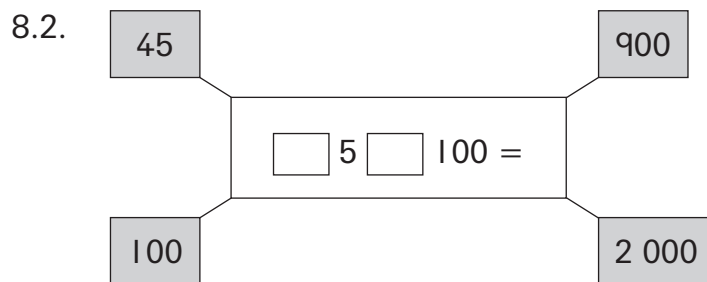
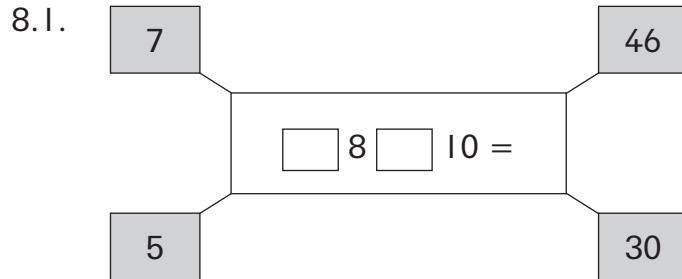
$42 \div 7 = \underline{\hspace{2cm}}$	$7 \times \underline{\hspace{2cm}} = 56$	$48 \div 4 \times 6 = \underline{\hspace{2cm}}$
$\underline{\hspace{2cm}} \times 6 = 54$	$6 \times 6 = \underline{\hspace{2cm}}$	$54 \div 9 = 30 \div \underline{\hspace{2cm}}$
$8 \times \underline{\hspace{2cm}} = 24$	$108 \div \underline{\hspace{2cm}} = 12$	$121 \div 11 = \underline{\hspace{2cm}}$
$32 \div \underline{\hspace{2cm}} = 4$	$72 = \underline{\hspace{2cm}} \times 9$	$1\ 000 = 100 \times \underline{\hspace{2cm}}$
$99 = 9 \times \underline{\hspace{2cm}}$	$5 \times \underline{\hspace{2cm}} \times 4 = 100$	$72 \div 6 \times 12 = \underline{\hspace{2cm}}$

Section B

[7]

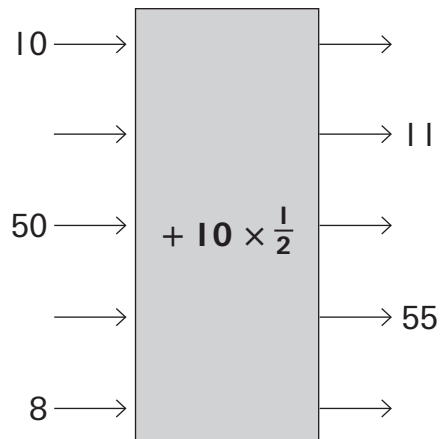
8. Fill in +, -, × or ÷ to complete the rules in the flow diagrams.

(2)



9. Fill in the missing values.

(5)



Section C

[11]

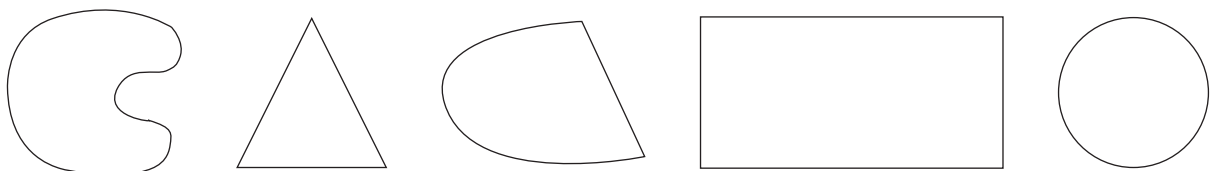
10. Colour the shapes as indicated.

(3)

10.1. Colour the shapes that have only straight sides in blue.

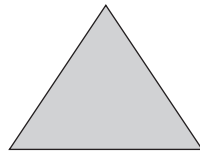
10.2. Colour the shapes that have only curved sides in red.

10.3. Colour the shapes that have straight and curved sides in green.

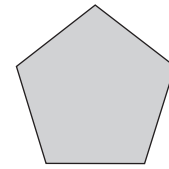


11. Name the shapes according to the number of sides they have. (4)

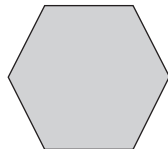
11.1.



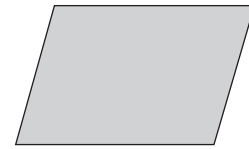
11.2.



11.3.



11.4.



12. Think about shapes. (4)

12.1. If you draw a shape that has four right angles, what shape will you draw?

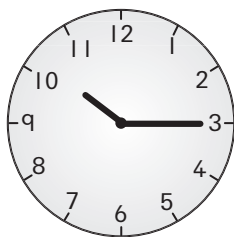
12.2. Draw a shape that has at least two right angles.

12.3. Draw a heptagon.

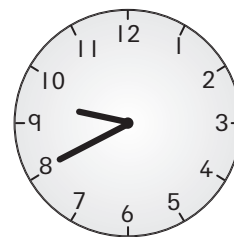
Section D [12]

13. Write the times as 24-hour times. Include the morning and evening times. (4)

13.1.



13.2.



14. Write the times as digital times. (3)

14.1. twenty-five past three in the afternoon _____

14.2. quarter to twelve in the evening _____

14.3. twenty-seven minutes later than
twenty-five past five in the afternoon _____

15. Look at the calendar and answer the questions.

(5)

1992																				
January							February							March						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4							1	1	2	3	4	5	6	7
5	6	7	8	9	10	11	2	3	4	5	6	7	8	8	9	10	11	12	13	14
12	13	14	15	16	17	18	9	10	11	12	13	14	15	15	16	17	18	19	20	21
19	20	21	22	23	24	25	16	17	18	19	20	21	22	22	23	24	25	26	27	28
26	27	28	29	30	31		23	24	25	26	27	28	29	29	30	31				
April							May							June						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4						1	2		1	2	3	4	5	6
5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13
12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20
19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27
26	27	28	29	30			24	25	26	27	28	29	30	28	29	30				
							31													
July							August							September						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4							1			1	2	3	4	5
5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12
12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19
19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26
26	27	28	29	30	31		23	24	25	26	27	28	29	27	28	29	30			
							30	31												
October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7			1	2	3	4	5
4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12
11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19
18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26
25	26	27	28	29	30	31	29	30						27	28	29	30	31		

15.1. Was 1992 a leap year? Explain your answer.

15.2. What was the date one month, one week and five days after your birthday?

15.3. How many days were there from 16 March to 28 May? _____


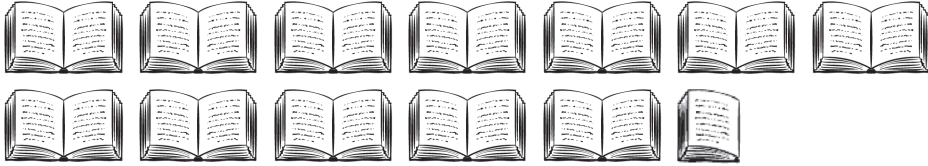


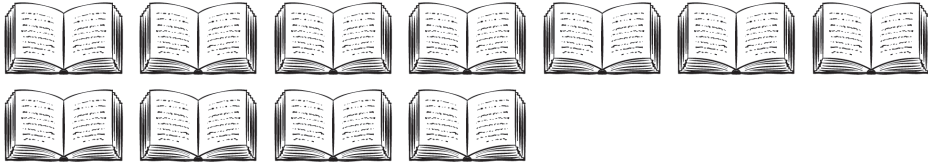

15.4. Stinky was born on 17 March, but Kurt could only take him home when he was eight weeks old. When could he take Stinky home? _____


15.5. Complete: Stinky was _____ days old when he went home with Kurt.

Section E

[7]

16. The pictograph shows how many pages Nilah and five friends read during a Readathon. Study it carefully and answer the questions that follow. (7)

Pages read during the Readathon		Total pages read
Girls:		
Nilah		
Jayda		
Kiara		
Boys:		
Kyle		
Bongani		
Sabiso		

Key:
 indicates 8 pages  indicates 4 pages

- 16.1. Fill in the total number of pages each child read.
- 16.2. Did the girls or the boys read more pages? _____
- 16.3. What is the difference between the most and the least pages read?

- 16.4. How many pages in total did the children read? _____
- 16.5. If the children were sponsored 12c per page, how much money did they collect? _____