YEAR 4
BLOCK 3   ASSESSMENT

4
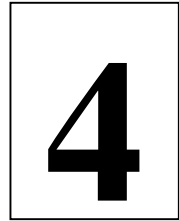
NAME:	DATE:

Y4 KEY OBJECTIVES

Objective	Part 1	Part 2
Use symbols correctly, including less than(<), greater than (>), equals (=).	1,2	1,2
Round any positive integer less than 1000 to the nearest 10 or 100.		3
Recognise simple factions that are several parts of a whole, and mixed numbers; Recognise the equivalence of simple fractions.		4
Use known number facts and place value to add or subtract mentally, including any pair of two-digit whole numbers.		5
Carry out column addition and subtraction of two integers less than 1000, and column addition of more than two such integers.	3,4, 5,6	6
Know by heart facts for the 2, 3, 4, 5 and 10 multiplication tables.	7,8	**7**
Derive quickly division facts corresponding to the 2, 3, 4, 5 and 10 multiplication tables.		8
Find remainders after division.		9
Know and use the relationship between familiar units of capacity	9	10
Choose and use appropriate operations and ways of calculating to solve problems	10, 11, 12	11, 12,13
Other objectives assessed		
Place value/negative numbers	13	
Co-ordinates	14	

Mark	Level

1. Write the missing number in the empty box.

$\boxed{}$ + 9 = 25   32 - $\boxed{}$ = 29

94 + $\boxed{}$ = 110 $\boxed{}$ - 12 = 25

89 + 21 = $\boxed{}$ $\boxed{}$ - 19 = 60

(2)

2. Fill in the missing sign < , > or =

a) 24 + 4 $\boxed{}$ 12 x 2

b) 6 x 6 $\boxed{}$ 3 x 12

c) 20 – 7 $\boxed{}$ 20 ÷ 10

d) 30 ÷ 3 $\boxed{}$ 21 – 10

(2)

3. Which of these is the best approximation
for 897 + 406?
Put a ring round the one you choose.

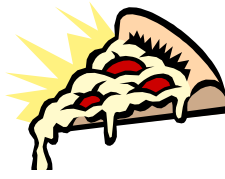**800 + 400   950 +410   97 + 400**
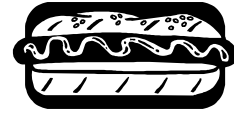
900 + 400   800 + 5

(1)

4.

Drink 69p
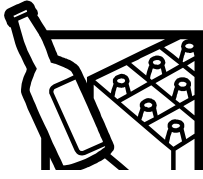
Pizza £5.89

Burger £1.49
HAMBURGERS

Hot Dog £1.32

Look at the above prices.
Show your working for the following questions.

a) What is the cost of the pizza and the drink?

£   (1)

b) What is the difference in price between the pizza and the Hot Dog?

£   (1)

5.   Calculate

a)   188
   +245

b)   287
   +534

c)   474
    248
  +157

(3)

6.   Calculate

a)   357
  - 125

b)   465
  - 178

(2)

7. Write the missing numbers going in and coming out of the number machine.

IN → **X6** → OUT
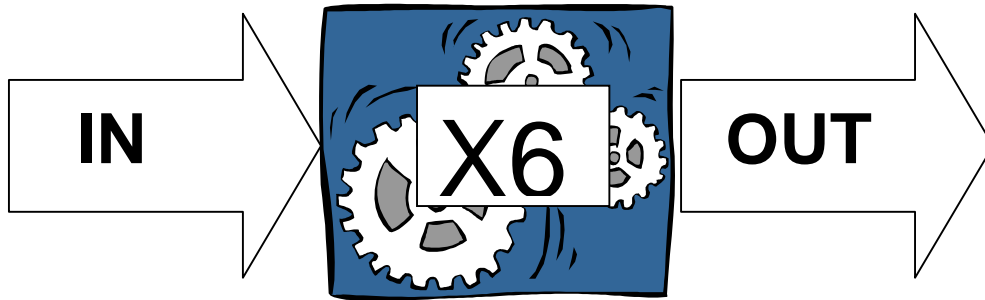
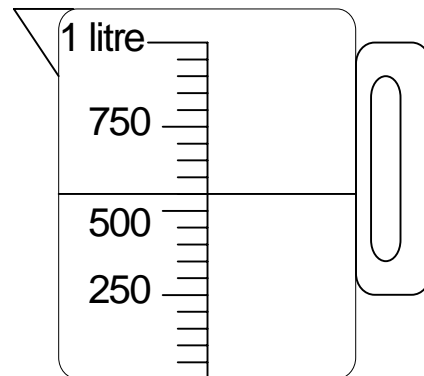| IN	1	3	6	2			5	
OUT	6				24	60		42

(2)

8. Pennies collected from the fun fair machines were counted and put into bags each day. How many pennies were in each bag?

	MON	TUES	WED	THURS	FRI	SAT	SUN
£	23	17	26	31	57	79	116
pennies							

(2)

9. a) How much water is in the jug?

[____] ml

1 litre
750
500
250

(1)

b) A bottle of medicine holds 100ml.
Tom must take 5ml twice a day.
How long will the bottle last?

(1)

10.   If you could only use these numbers and symbols,

| 4 | 9 | - | x | = |

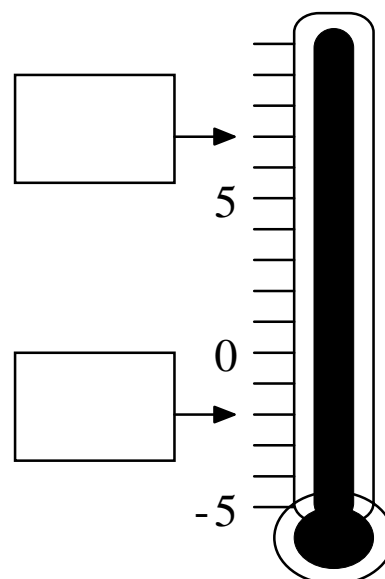how could you make the number 32?
(You may use them as often as you wish.)

(1)

11. Write these temperatures in order from coldest to hottest.

17⁰C

-12⁰C

-2⁰C

12⁰C

37⁰C

23⁰C

hottest

| |
| |
| |
| |
| |
| |

coldest

(1)

12. a) Write the temperatures shown by the arrows.

(1)

b) By how many degrees did the temperature rise?

[   ] ⁰C

5

0

-5

(1)

(1)

13. Continue the sequence in both directions.

			10	**7**	**4**			

(1)

14.
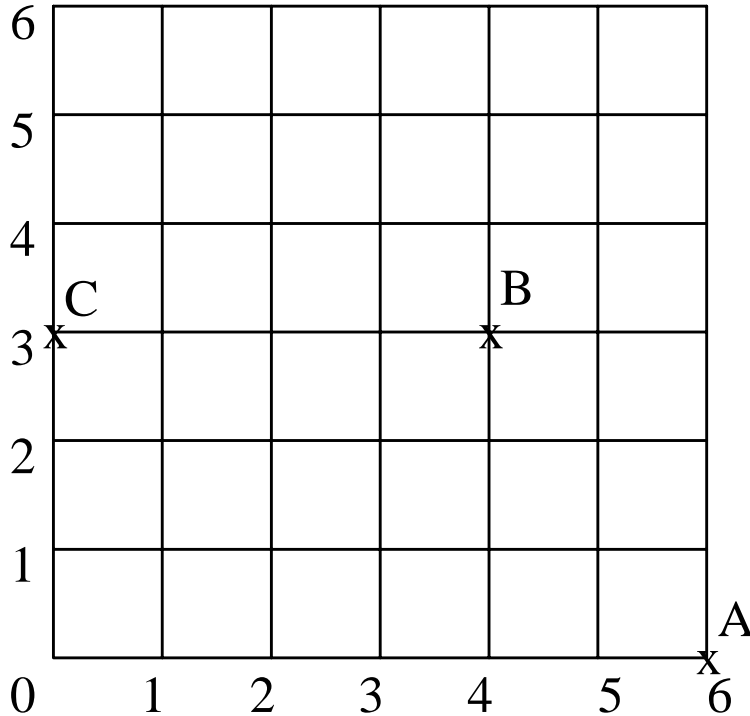
a) Write the coordinates of each point:

A(__ , __)   B(__ , __)   C(__ , __)

(1)

b) Draw a cross at point D (2,0)

(1)

c) If you travel north-east in a straight line from D (2,0), do you arrive at point A, B or C?

(1)

d) To return to point D (2,0), in what direction would you travel?

(1)

1.

| 4 | 9 | = | + | x |

Using only the numbers and symbols above, how can you make the number 45?

(You may use the numbers and symbols as many times as you wish)

1

2.

| 9 | 36 | 4 |

Write 4 number sentences using these 3 numbers

☐ X ☐ = ☐   ☐ X ☐ = ☐

☐ ÷ ☐ = ☐   ☐ ÷ ☐ = ☐

2

3. Put a ring round the amount which is nearest to £10

£10.35   £9.91   £9.79

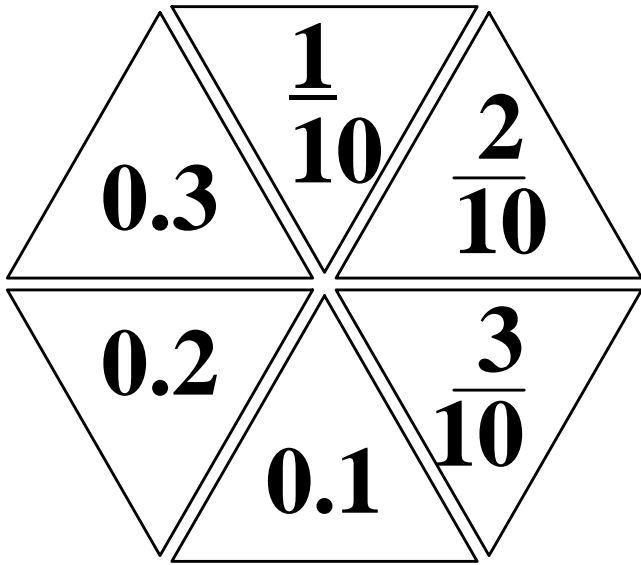   £11.00   £10.26

1

4. a) What is $\frac{6}{10}$ of £1?

[ ] p

   b) What fraction of £1 is 70p?

[ ]

   c) Which 4 scores on the spinner add up to 1 whole one?

0.3 $\frac{1}{10}$ $\frac{2}{10}$

0.2 $\frac{3}{10}$ 0.1

[ ]

(4)

5. Complete the table.

+	32	47	
	47		
24			99
	82		

(3)

6. Calculate.

a) 167
    258
  + 45

b)   417
   - 78

(2)

7. Complete these multiplication tables.

x	4	2	6	3
8				
3				
5				
9				

x		4	9	
		8		
3				18
		16		
	40			30

8

8. There are 24 biscuits in a packet. How many biscuits are there in 6 packets? (*Show your working, you may get a mark*)

biscuits

2

12	13	14	15	16
17	18	19	20	21
22	23	24	25	26
27	28	29	30	31
32	33	34	35	36

9.   Put a ring round the numbers which have a remainder of 1 when divided by 4.

2

10. A bottle can fill 4 glasses. How many bottles are needed to fill 38 glasses? (*Show your working, you may get a mark*)

2

11. Complete the table.

Film	Start	Finish	Film length
The 3 Wolves	10.35am	11.45am	
Moon Wars	11.05am	12.50pm	
Spider Story		1.10pm	50 mins

(3)

12. Look at this calendar for June 2001.

			June			
S	M	T	W	T	F	S
					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

a) Which day of the week is 16th June?

(1)

b) What is the date of the second Monday in June?
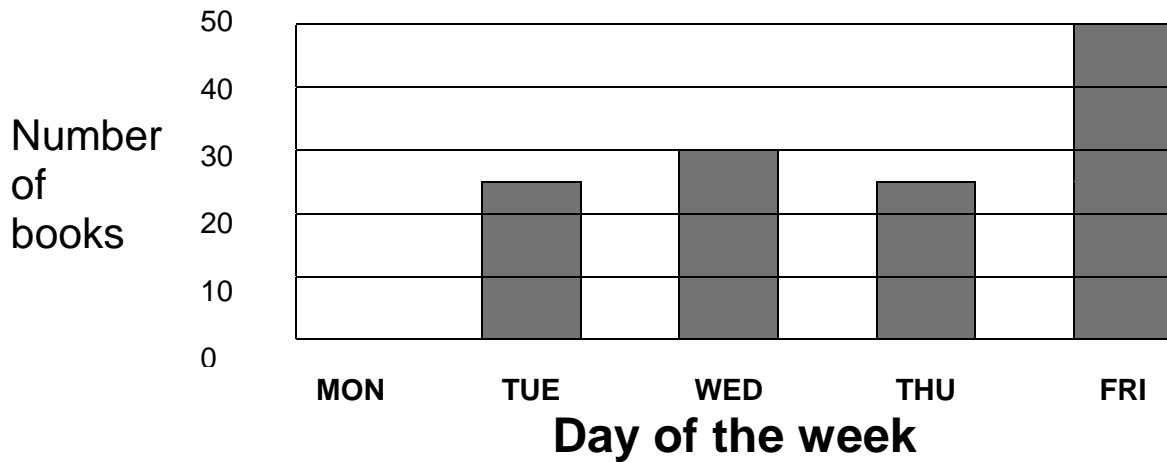
(1)

c) The Smith family are going on holiday 2 weeks after the 14th of June. What date will that be?

(1)

13. **Books borrowed from library**

a) 15 books were borrowed on Monday. Draw in the bar.

(1)

b) On which day were the most books borrowed?

(1)

c) How many books were borrowed on Thursday?

(1)

d) How many books were borrowed altogether during the week?

(1)