Section 1　Session 1

A

		ANSWER
1	Write seventeen as a number.	
2	Write twelve as a number.	
3	10　20　30	
4	20　25　30	
5	12　14　16	
6	(5p) + (2p) =	p
7	(10p) − (5p) =	p
8	(10p) − (2p) =	p
9	(5p) + (2p) + (2p) =	p
10	9 − 4 =	

B

		ANSWER
1	nine + one =	
2	seven − four =	
3	12　14　16　　20	
4	25　30　　40　45	
5	30　40　50　　70	
6	4 + 5 =	
7	6 + 2 =	
8	9 − 7 =	
9	7 − 4 =	
10	2 + 5 =	

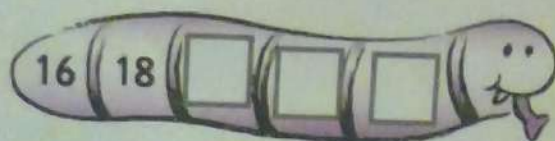## C

ANSWER

Fill in the number snakes.

1　16　18　☐　☐　☐

2　20　25　☐　☐　☐

3　30　☐　50　☐　70

4　two　four　six　☐
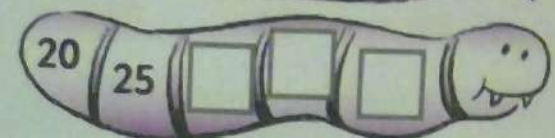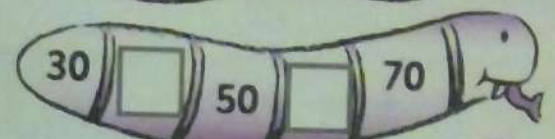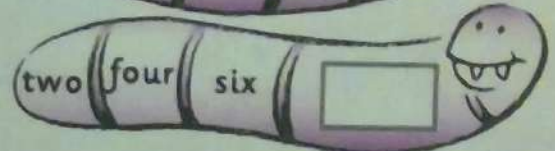
Here are some prices in the shop.

6p　8p

9p　10p
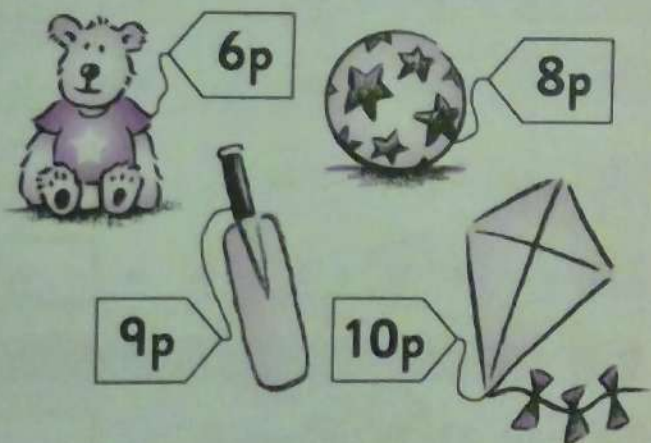
How much change do you get when you use
a **10p** coin to buy

		ANSWER
5	the teddy?	p
6	the ball?	p
7	the bat?	p

Choose some different groups of coins to pay
for the kite.

8　(p)　(p)

9　(p)　(p)　(p)　(p)

10　(p)　(p)　(p)　(p)　(p)
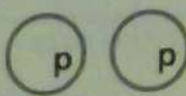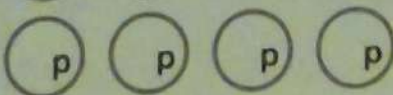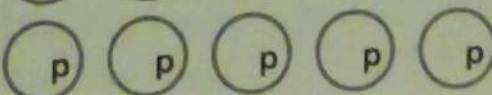
Section 1 Session 2

A
ANSWER

1 Circle the even number.

   10   11   13

2 Circle the odd number.

   20   23   26

3 Tick the number that is fifteen.

   51   15

4 ⬜ + 4p = (5p)   ⬜ p

5 (10p) − ⬜ = (5p)   ⬜ p

6 (2p) + (2p) + (2p) =   ⬜ p

7 (5p) + (2p) + (2p) =   ⬜ p

8 (10p) − (5p) − (2p) =   ⬜ p

9 (10p) − (2p) − (2p) =   ⬜ p

10 (2p) + (2p) + (5p) + (1p) =   ⬜ p

B
ANSWER

1 20, 22, 24,   ⬜

2 19, 21, 23, 25,   ⬜

3 Write the number.

   tens ones   ⬜⬜
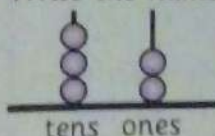
4 Draw the beads for this number.

   | 2 | 4 |

   tens ones
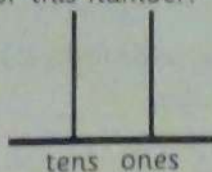
5 9 − 4   = ⬜

6 7 − 5   = ⬜

7 2 + 4   = ⬜

8 4 + 5   = ⬜

9 10 − 10   = ⬜

10 7 − 6   = ⬜

C
ANSWER

Look at these numbers in the cloud.
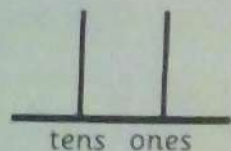
   27 13 36 42 89 4
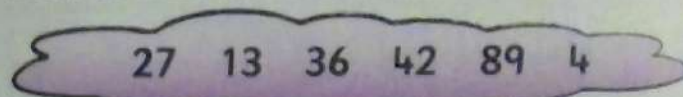
1 Write the numbers that are odd.

   ⬜ ⬜ ⬜

2 Write the smallest even number. ⬜

3 What is the even number
   in the cloud after **36**?   ⬜

4 Draw onto this abacus
   the smallest odd
   number in the cloud.

   tens ones

Find the largest odd number in the cloud.

5 How many tens are there?   ⬜

6 How many ones are there?   ⬜

6 oranges   4 apples   2 bananas   3 pears

How many

7 apples, bananas and pears
   are there in total?   ⬜

8 more oranges are there
   than pears?   ⬜

9 fewer bananas are there
   than oranges?   ⬜

10 Which two fruits total **7**?

   ⬜ and ⬜

Section 1   Session 3

A

		ANSWER
1	[domino] +	= [ ]
2	[domino] +	= [ ]
3	[domino] +	= [ ]
4	[domino] −	= [ ]
5	[domino] −	= [ ]
6	[domino] −	= [ ]
7	15 + [dice]	= [ ]
8	19 + [dice]	= [ ]
9	25 − [dice]	= [ ]
10	26 − [dice]	= [ ]

7   $36 - 4$ = [ ]

8   $26 + 5$ = [ ]

9   $38 - 9$ = [ ]

10   $45 + 7$ = [ ]

B

		ANSWER
1	$5 + 3$	= [ ]
2	$9 - 6$	= [ ]
3	$7 - 7$	= [ ]
4	$3 + 7$	= [ ]
5	$3 + 3$	= [ ]
6	$19 + 2$	= [ ]

C

ANSWER

Use these numbers to answer the questions.

7	3	4	6

1   [ ] + [ ] = 10   [ ] [ ]

2   [ ] + [ ] = 10   [ ] [ ]

3   [ ] − [ ] = 4   [ ] [ ]

4   [ ] − [ ] = 2   [ ] [ ]

5   [ ] + [ ] − [ ] = 0   [ ] [ ] [ ]

23p   35p   4p   3p

How much

6   for a cauliflower and a lemon?   [ ] p

7   more does the cauliflower cost than the lemon?   [ ] p

8   for a melon and a parsnip?   [ ] p

9   change from **50p** if you buy the lemon and the parsnip?   [ ] p

10   change from a **20p** and a **10p** if you buy a cauliflower and a parsnip?   [ ] p

Section 1 Session 4

A

ANSWER

1 Write **23** in words.

2 Write **36** in words.

3 Write the next odd number after **39**.
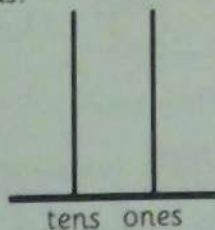
4 Write the even number just before **43**.

5 [domino] $=$

6 [domino] $=$

7 [domino] $=$

8 [domino] $=$

9 [domino] $=$

10 [domino] $=$

5 $3 + 5$ $=$

6 $7 - 3$ $=$

7 $8 - 1$ $=$

8 $2 + 4$ $=$

9 $4 + 4$ $=$

10 $9 - 8$ $=$

B

ANSWER

Show the number on the abacus.

1 | 3 | 6 |

tens   ones

2 | 4 | 9 |

tens   ones
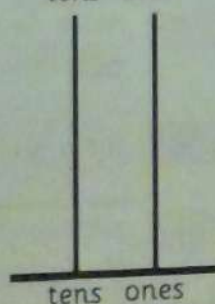
3 Write twenty-six using numbers.

4 Write **47** using words.

C

ANSWER

| 36 | 49 | 92 | 85 |

1 Write in words the two numbers that are even.

☐ and ☐

2 Write in words the two numbers that are odd.

☐ and ☐

3 How many tens in the smallest number?

4 How many ones in the smallest number?

5 Pens
50 Felt Pens
8 Pencils
15 Rulers

How many

5 pens and rulers altogether?

6 more felt pens than pencils?

7 more rulers than pencils?

8 felt pens and pens in total?

9 fewer pens than rulers?

10 fewer pencils than rulers?

Section 1 Session 5

A

ANSWER

1. $5p + 5p = $ [ ] p
2. $10p - 2p = $ [ ] p
3. $5p + 2p = $ [ ] p
4. $10p - 5p - 2p = $ [ ] p
5. $2p + 2p + 1p = $ [ ] p
6. $15 + \bullet\bullet\bullet\bullet = $ [ ]
7. $26 + \bullet\bullet\bullet\bullet\bullet = $ [ ]
8. $34 - \bullet\bullet\bullet = $ [ ]
9. $42 - \bullet\bullet\bullet\bullet\bullet = $ [ ]
10. $54 + \bullet\bullet\bullet\bullet\bullet\bullet = $ [ ]

B

ANSWER

1. $4 + 6 = $ [ ]
2. $9 - \square = 5$ [ ]
3. $\square + 3 = 8$ [ ]
4. $\square - 6 = 3$ [ ]
5. $7 - \square = 2$ [ ]
6. $54 + 7 = $ [ ]
7. $92 - 3 = $ [ ]
8. $36 + 6 = $ [ ]
9. $44 - 4 = $ [ ]
10. $32 - 8 = $ [ ]

C

ANSWER

| 6kg | 4kg | 5kg | 2kg |

Which boxes

1. weigh **10kg** in total?
   [ ] kg and [ ] kg
2. have a difference of **3kg**?
   [ ] kg and [ ] kg
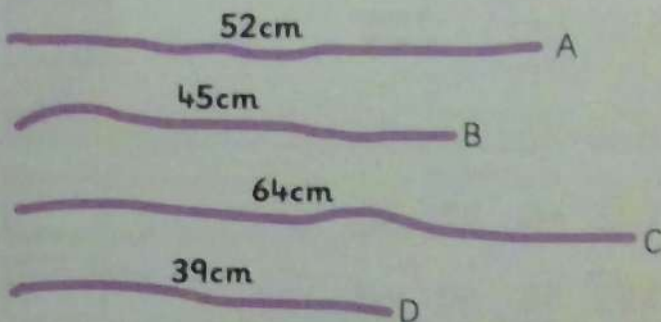3. have a difference in weight of **4kg**?
   [ ] kg and [ ] kg
4. make a total of **6kg**?
   [ ] kg and [ ] kg
5. Which box, added to the **4kg** one, makes a total of **9kg**? [ ] kg

52cm ——— A

45cm ——— B

64cm ——— C

39cm ——— D

How much is left if you cut

6. **4cm** from string A? [ ] cm
7. **8cm** from string B? [ ] cm
8. **9cm** from string C? [ ] cm
9. How much must you cut from string D to leave **35cm**? [ ] cm
10. Noah has string A. He needs **61cm** of string. How much more string does he need? [ ] cm

9

Section 1 Session 6

A
ANSWER

1 Tick the odd numbers.

12   45   76   89

2 Tick the even numbers.

36   45   57   90

How many

3 tens in 56?

4 ones in 45?

5 (45) + ●●●   =

6 (36) + ●●● ●●●   =

7 (29) + ●●●● ●●●●   =

8 (56) – ●● ●●   =

9 (92) – ●●●   =

10 (83) – ●●● ●●●   =

B
ANSWER

1 45 47 49

2 58 60 62

Write the numbers that the abacuses show.

3.

tens ones

4

tens ones
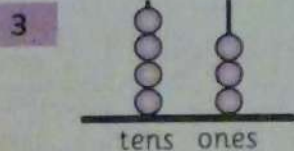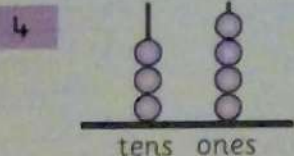
5 37 + 3   =

6 49 + 2   =

7 71 – 3   =

8 64 – 6   =

9 92 – 5   =

10 59 + 4 =

C
ANSWER

Here are some numbers.

12   15   19   36   87

Write the

1 even numbers.

2 odd numbers.

3 number that has three tens.

4 number that has the most ones.

35g A	47g B	92g C

18g D	59g E

How much

5 more sand does scale A need so that its weight is 40g?   ___ g

6 sand must be taken off scale B so that it weighs 40g?   ___ g

7 more sand does scale C need so that it weighs 100g?   ___ g

8 more sand does scale D need so that it weighs 25g?   ___ g

9 sand needs to be taken off scale E so that it weighs 55g?   ___ g
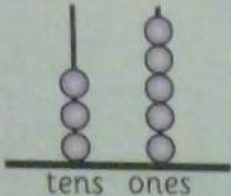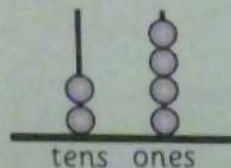
10 more sand does scale B need to make it weigh 50g?   ___ g

10

Section 1 Session 7

A
ANSWER

1 54 56 ___ 60 [ ]

2 47 49 ___ 53 [ ]

Write the numbers.

3 [ ][ ]

tens ones

4 [ ][ ]

tens ones

5 9 + 1 = [ ]

6 8 − 2 = [ ]

7 5 + 3 = [ ]

8 6 − 6 = [ ]

9 4 + 5 = [ ]

10 4 + 4 = [ ]

B
ANSWER

Use these numbers for questions 1 and 2.

18 97 36 42

Write the

1 lowest even number. [ ]

2 highest odd number. [ ]

3 46 is [ ] tens and [ ] ones.

4 5 tens and 7 ones is [ ]

Write the answers in words.

5 Nine and one makes [ ]

6 Ten subtract four leaves [ ]

7 Two add seven equals [ ]

8 The difference between eight and six is [ ]

9 ___ add five equals nine. [ ]

10 ___ minus four leaves two. [ ]

C
ANSWER

Here are some numbers.

86 47 29 74

Which number has

1 an eight in its tens and is even? [ ]

2 a two in its tens and is odd? [ ]

3 a seven in its tens, and is even? [ ]

4 Which is the larger odd number, and has a seven in its ones? [ ]
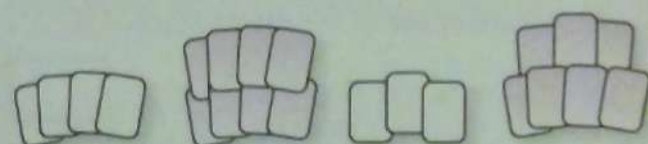
Ava – 4 cards   Jake – 8 cards   Molly – 3 cards   Leo – 7 cards

Write your answers in words.
How many

5 cards do Ava and Molly have in total? [ ]

6 more cards does Jake have than Molly? [ ]

7 in total if Leo and Molly put their cards together? [ ]

8 fewer cards does Ava have than Jake? [ ]

9 fewer cards does Leo have than Jake? [ ]

10 more cards does Ava need to make ten cards? [ ]

Section 1 Session 8

A

ANSWER

1 5 + 5   = ☐

2 4 + 2   = ☐

3 7 − 3   = ☐

4 8 − 1   = ☐

5 2 + 0   = ☐

6 16 + 4   = ☐

7 9 + 11   = ☐

8 13 − 6   = ☐

9 15 − 9   = ☐

10 18 − 9   = ☐

B

ANSWER

1 ☐ + 4 = 9   ☐

2 2 + 8 = ☐   ☐

3 6 + ☐ = 9   ☐

4 ☐ − 6 = 4   ☐

5 3 + ☐ = 10   ☐

6 45 + 5 =   ☐

7 92 − 5 =   ☐

8 55 + 6 =   ☐

9 ☐ − 2 = 70   ☐

10 45 − ☐ = 39   ☐

C

ANSWER

The children throw three dice.

Which dice score

1 the total 10?   ☐ and ☐

2 the total 7?   ☐ and ☐

What is the difference between

3 the highest and lowest dice scores?   ☐

4 the two even scores?   ☐

5 4 + 6 − 3   = ☐

Use these cards for questions 6 to 10.
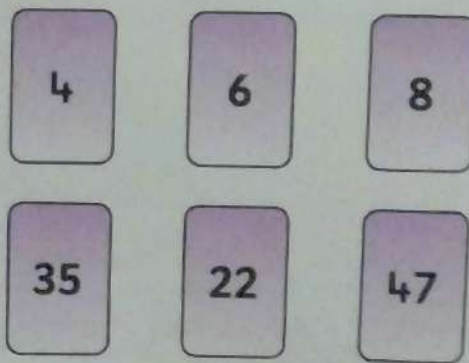
6 What is the total of the lowest and highest two numbers?   ☐

Which card

7 added to 35, gives a total of 39?   ☐

8 subtracted from 47, leaves 39?   ☐

9 added to 22, gives 30?   ☐

10 What is the total of 35 and 4?   ☐

Section 1 Session 9

ANSWER

1   5 + 2   =   ☐
2   6 − 4   =   ☐
3   7 − 2   =   ☐
4   3 + 7   =   ☐
5   2 + 2   =   ☐
6   (15) + •••   =   ☐
7   (19) − •••   =   ☐
8   (12) + •••   =   ☐
9   (12) − •••   =   ☐
10 (17) − •••   =   ☐

B   ANSWER

1   5 add 5 equals   ☐
2   6 subtract 3 leaves   ☐
3   8 and 2 makes   ☐
4   7 minus 4 leaves   ☐
5   The difference between
    9 and 4 is   ☐
6   19 subtract 4 leaves   ☐
7   20 subtract 7 equals   ☐
8   15 and 4 is   ☐
9   13 add 7 equals   ☐
10 The difference between
    16 and 9 is   ☐

C   ANSWER

4p   5p   6p
7p   8p
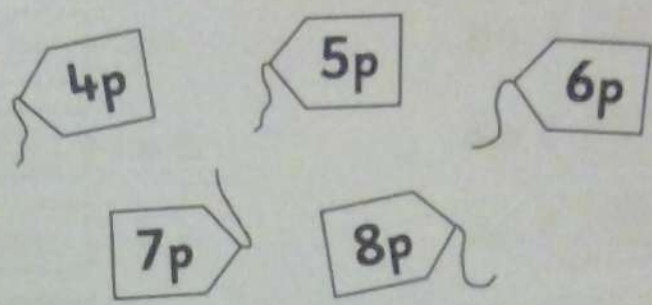
How much change do you get from **10p**
if you spend

1   4p?   ☐ p
2   8p?   ☐ p
3   7p?   ☐ p
4   What does 4p and 6p total?   ☐ p
5   You have **5p**.

    How much more do you need   ☐ p
    to have a total of **10p**?

7p   8p   9p
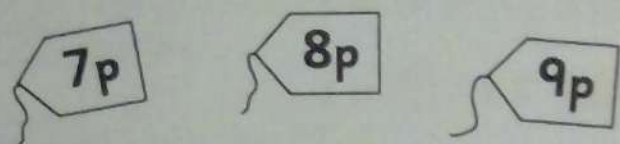
How much change do you get from **20p**
if you spend

6   7p?   ☐ p
7   9p?   ☐ p

How much money do you have in total
if you have

8   12p and are given another **8p**?   ☐ p
9   11p and are given another 7p?   ☐ p
10 8p and are given another 11p?   ☐ p

13

Section 1 Session 10

A

			ANSWER
1	4 + 3	=	
2	3 + 6	=	
3	5 – 4	=	
4	9 – 6	=	
5	8 – 8	=	
6	8 – 3	=	
7	5 + 2	=	
8	6 – 4	=	
9	2 + 7	=	
10	4 – 2	=	

B

		ANSWER
1	▢ + 4 = 7	
2	2 + ▢ = 8	
3	7 – ▢ = 3	
4	▢ – 6 = 4	
5	3 + ▢ = 8	
6	12 + ▢ = 16	
7	23 – ▢ = 19	
8	56 + ▢ = 61	
9	▢ + 7 = 36	
10	▢ – 7 = 45	

C

ANSWER

9cm
A ▭

5m
B

2m
C

4m
D

3m
E
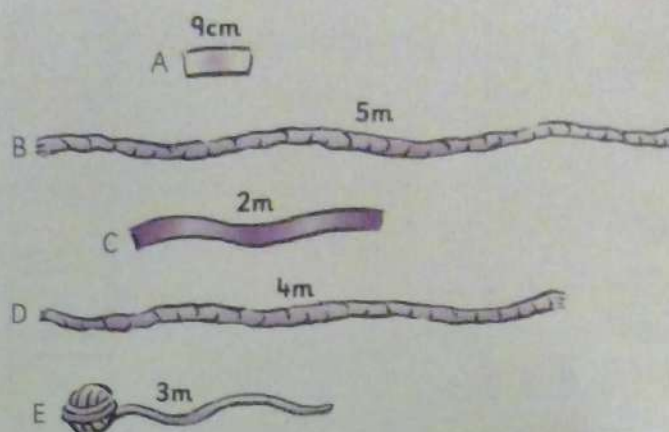
How much is left if

| 1 | 5cm is cut off A? | cm |
| 2 | 3m is cut off B? | m |

How much was there at the start if

| 3 | 6m has been cut off C to leave 2m? | m |
| 4 | 5m has been cut off D to leave 4m? | m |

There was **10m** of string E.

| 5 | How much has been cut off? | m |

How much is left if

25m
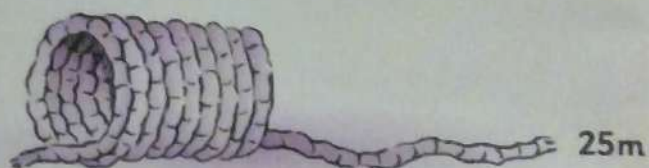
6	6m is cut off the rope?	m
7	another 4m is cut off?	m
8	another 2m is cut off?	m
9	another 8m of rope is cut off?	m
10	How much is there if another rope measuring **32m** is added to the amount left in question 9?	m

14

Section 1   Check-up 1

1   ANSWER

1   Twenty-three in numbers is   ▭

2   46 in words is   ▭

3   23   25   27   ▭   ▭

4   34   36   38   ▭   ▭

5   Is 45 odd or even?   ▭

6   Is 98 odd or even?   ▭

7   Draw the beads for this number.

| 5 | 2 |

tens   ones

8   Write the number.

tens   ones
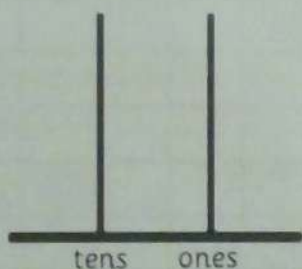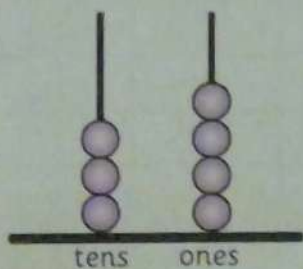
9   3 + 5   =   ▭

10   1 + 9   =   ▭

11   6 – 4   =   ▭

12   8 – 2   =   ▭

13   4 + 6   =   ▭

ANSWER

14   7 – 7   =   ▭

15   19 + 5   =   ▭

16   28 + 3   =   ▭

17   36 – 4   =   ▭

18   96 – 7   =   ▭

19   54 – 7   =   ▭

20   57 + 9   =   ▭

21   What is sixteen in numbers?   ▭

22   What is 15 and 3 more jumps of 2?   ▭

23   What is 2 more than 48?   ▭

24   What is 4 lots of 5 more than 30?   ▭

25   Is 2 more than 37 an even number?   ▭

26   45 is ▭ tens and ▭ ones.

27   How much is a 5p coin and a 2p coin altogether?   ▭ p

How much change do you get from

28   10p if you spend 4p?   ▭ p

29   50p if you spend 4p?   ▭ p
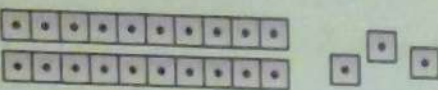
30   17p if you spend 6p?   ▭ p

15
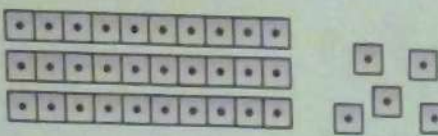
Section 2   Session 1

A

ANSWER

Write how many.

1. [squares] □ □ □ → [ ]

2. [squares] □ □ □ □ → [ ]

3. [squares] □ □ → [ ]

Show where the number belongs.

4. **25** |++++++++++|
    20   30

5. **58** |++++++++++|
    50   60

6. **31** |++++++++++|
    25   35
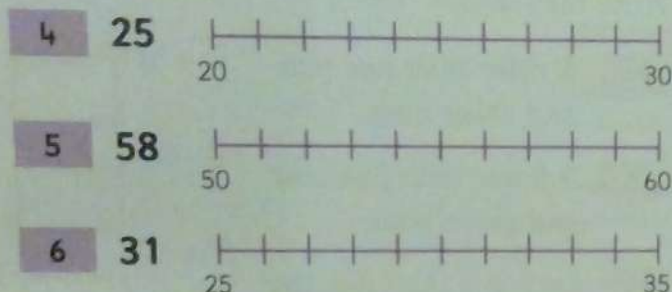
The numbers show how many doughnuts are in each bag. Find the totals.

7. 4 + 2 + 3 = [ ]

8. 5 + 1 + 4 = [ ]

9. 3 + 3 + 2 = [ ]

10. 4 + 0 + 4 = [ ]

B

ANSWER

1. 23 is [ ] tens and [ ] ones.

2. 47 is [ ] tens and [ ] ones.

3. 96 is [ ] tens and [ ] ones.

Write these in order.

4. 21, 95, 47, 38   [ ]

5. 73, 37, 45, 35   [ ]

6. 54, 63, 45, 36   [ ]

Find the totals.

7. 6 + 3 + 4   = [ ]

8. 7 + 7 + 2   = [ ]

9. 8 + 2 + 6   = [ ]

10. 3 + 4 + 9   = [ ]

C

ANSWER

1. What number is 9 tens and 5 ones?   [ ]

2. How many tens in 54?   [ ]

3. How many tens in 46 + 4?   [ ]

| Josh | Dad | Alice | Mum |
| 7 years | 43 years | 19 years | 39 years |

Which member of the family is

4. the oldest?   [ ]

5. the youngest?   [ ]

6. Write the names of the family in age order. Start with the youngest.
   [ ]

7. How many years older than Josh is Alice?   [ ]

8. Alice's friend Jack is 2 years older than her.
   How old is Jack?   [ ]

9. Josh has two friends, also aged 7. What is the total of all three of their ages?   [ ]

10. How many years older than Mum is Dad?   [ ]

17

Section 2 Session 2

A
ANSWER

1 5 tens and 1 one is ☐

2 6 tens and no ones is ☐

3 8 tens and 9 ones is ☐

Write a < or > to make the sentence true.

4 56 45 ☐

5 92 97 ☐

6 49 51 ☐

Find the sum of each set of numbers.

7 $5 + 7 + 6$ = ☐

8 $4 + 7 + 8$ = ☐

9 $2 + 9 + 6$ = ☐

10 $3 + 8 + 6$ = ☐

B
ANSWER

1 3 tens and 4 ones is ☐

2 5 tens and no ones is ☐

3 4 tens and 3 ones is ☐

Write all the numbers to make these true.
Write the numbers

4 up to 100.

92 < ☐

5 between 40 and 50.

45 > ☐

6 between 30 and 40.

36 > ☐

Use doubles to help you find the totals.

7 $8 + 8 + 4$ = ☐

8 $6 + 6 + 5$ = ☐

9 $9 + 5 + 9$ = ☐

10 $7 + 8 + 7$ = ☐

C
ANSWER

Write the number that is

1 1 more than five tens and seven ones. ☐

2 1 fewer than five tens and seven ones. ☐

3 ten more than five tens and seven ones. ☐

4 ten less than five tens and seven ones. ☐

Tick the statements that are correct.
Write the correct answer if the statement is wrong.

5 57 < 56 ☐

6 45 < 54 ☐

7 64 > 46 ☐

£9 £4 £6

How much are

8 two toy cars and a book? £☐

9 two mugs and a toy car? £☐

10 a book, a mug and a toy car? £☐

Section 2 Session 3

A

ANSWER

Write the totals.

1.

2. 9 tens and 1 one is

3. 6 tens and 7 ones is

4. $16 + 7$ =

5. $24 - 7$ =

6. $32 + 9$ =

7. $8 - 5$ =

8. $3 + 7$ =

9. $9 - 6$ =

10. $33 - 9$ =

B

ANSWER

Which number is missing?

1. $3 + \boxed{} + 3 = 10$

2. $4 + 5 + \boxed{} = 12$

3. $7 + \boxed{} + 4 = 14$

4. Twenty-one subtract five leaves

5. Eighty-four add six is

6. Thirty-one take away eight is

7. The difference between 8 and 4 is

8. 9 subtract 4 leaves

9. 5 add 5 equals

10. 6 add 3 is

C

ANSWER

62 slates

45 bricks

16 slabs
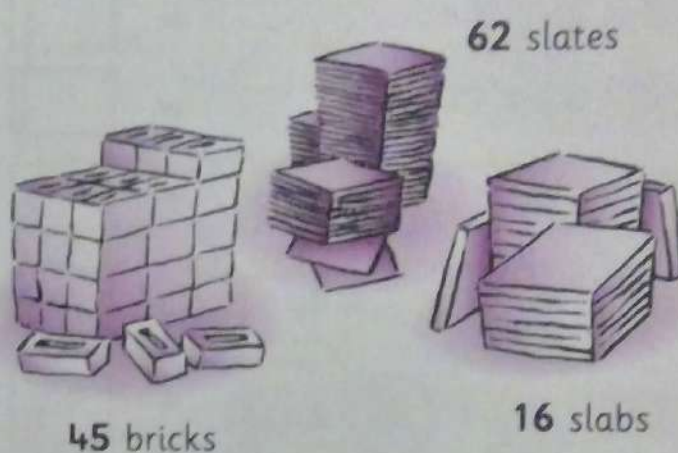
How many

1. bricks are there if 2 more are added?

2. slates are there if 6 more are added?

3. slabs are there if 9 more are added?

4. What is the total of 16 and 8?

5. What is 24 subtract 6?

6. How many more is 71 than 64?

7. How many is 8 and 2 in total?

8. What is 10 take away 5?

9. What is 5 and 3?

10. What is 8 subtract 8?

19

Section 2 Session 4

For questions **1** to **3** write < or >.

1   5cm   2cm

2   17cm   19cm

3   91cm   45cm

4   16 + 4   =

5   25 – 7   =

6   32 + 9   =

7   (5p) + (2p)   =   p

8   (10p) –   = 3p   p

9   (2p) + (2p) + (1p)   =   p

10   (10p) – (5p) – (2p)   =   p

B   ANSWER

Write all the numbers to make these true.

1   Write all the numbers greater than **30**.
     35 >

2   Write all the numbers up to **60**.
     56 <

3   Write all the numbers greater than **85**.
     92 >

4   42 subtract **7** leaves

5   94 add **6** equals

6   56 add **7** equals

7   The difference between **9** and **3**.

8   subtract 4 leaves 3.

9   add 6 makes 12.

10   4 minus 4 equals

C   ANSWER

Aisha	45
Henry	52
Isaac	36

Whose score is

1   greater than Aisha's?

2   less than Aisha's?

3   less than Henry's but greater than Isaac's?

How many

4   more runs does Aisha need to get **50**?

5   more runs does Henry have than Aisha?

6   more runs does Isaac need to have the same score as Aisha?

7   more runs does Henry need to have **60**?

How much

8   change from **10p** do you get if you spend **4p**?   p
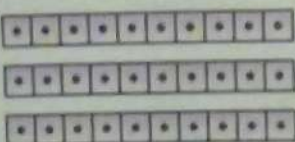
9   more is **18p** than **4p**?   p

10   more than **4p** is **13p**?   p

Section 2   Session 5

1 ☐ p

2 ☐ p

3   6 tens and 9 ones   ☐

4   (10p) + (5p) – 4p   =   ☐ p

5   (20p) – 6p   =   ☐ p

6   (50p) – 7p   =   ☐ p

7   (50p) + (20p) – 8p   =   ☐ p

8   (10p) – 4p   =   ☐ p

9   (10p) – (5p)   =   ☐ p

10   (10p) – (1p)   =   ☐ p

B   ANSWER

1   4 tens and 3 ones is   ☐

2   9 tens and 9 ones is   ☐

3   6 tens and 7 ones is   ☐

4   36p – 5p   =   ☐ p

5   90p – 7p   =   ☐ p

6   37p + 8p   =   ☐ p

7   85p – 6p   =   ☐ p

8   £9 – £2   =   £ ☐

9   £5 + £2   =   £ ☐

10   £3 + £14   =   £ ☐

C   ANSWER

Maya	43
Ali	37
Erin	44

Write these scores.

1   Maya's ☐ tens and ☐ ones.

2   Ali's ☐ tens and ☐ ones.

3   Erin's ☐ tens and ☐ ones.

How many

4   more did Erin score than Maya?   ☐

5   fewer did Ali score than Erin?   ☐

6   What is the difference between Maya's score and Ali's score?   ☐

How much

7   more than 6p is 18p?   ☐ p

8   change do you get from 10p if you spend 3p?   ☐ p

9   are two 5p stamps in total?   ☐ p

10   are a 5p stamp and a 12p stamp in total?   ☐ p

21

Section 2   Session 6

A
ANSWER

1   14 – 5   = ☐

2   18 – 6   = ☐

3   21 – 7   = ☐

4   9 – 4   = ☐

5   7 + 2   = ☐

6   10 + 10   = ☐

7   3 + 3   = ☐

8   7 + 7   = ☐

9   9 + 9   = ☐

10   6 + 6   = ☐

B
ANSWER

1   26 subtract 8 is   ☐

2   The difference between
    34 and 7 is   ☐

3   45 add 8 equals   ☐

4   Seven and three is   ☐

5   Nine minus two leaves   ☐

6   Four add six equals   ☐

7   Double 8 is   ☐
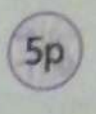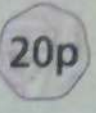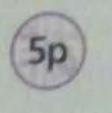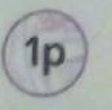
8   Half of 20 is   ☐

9   Half of 6 is   ☐

10   Half of 10 is   ☐

C
ANSWER

1   Write the totals for each
    amount of money.

10p   5p   2p   ☐ p

20p   20p   5p   ☐ p

50p   20p   1p   ☐ p

2   Subtract 8p from the smallest
    total of money.   ☐ p

3   Add 7p to the largest total
    of money.   ☐ p

7p   9p   5p
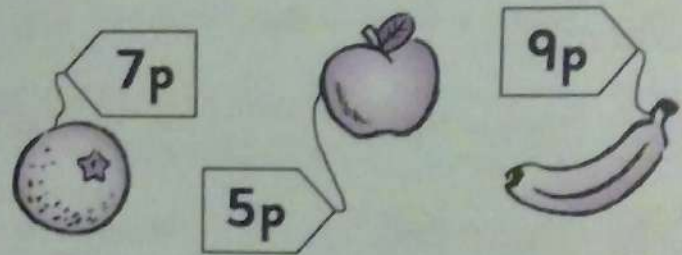
4   How much change from 10p
    if you buy the orange?   ☐ p

Choose different groups of coins to pay for
a banana.

5   (p) (p) (p)

6   (p) (p) (p) (p)

How much for

7   two apples?   ☐ p

8   two oranges?   ☐ p

9   two bananas?   ☐ p

10   one pear if two pears
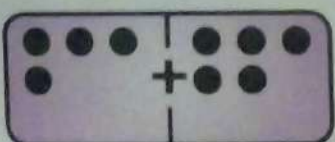   cost 16p?   ☐ p

22

Section 2 Session 7

A

		ANSWER
1	(16) + :: =	☐
2	(19) − :::: =	☐
3	(14) + ::: =	☐
4	(12) − :::: =	☐
5	[domino] + =	☐
6	[domino] − =	☐
7	[domino] + =	☐
8	[domino] + =	☐
9	[domino] + =	☐
10	[domino] + =	☐
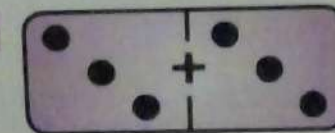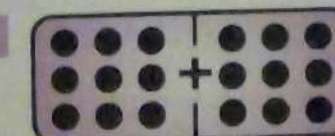
B

		ANSWER
1	19 subtract 8 leaves	☐
2	15 add 4 equals	☐
3	16 add 5 equals	☐
4	9 − ☐ = 4	☐
5	6 + ☐ = 8	☐
6	☐ + 3 = 6	☐
7	☐ + 4 = 4	☐
8	Double 7 is	☐
9	Half of 16 is	☐
10	Double 5 is	☐

C

		ANSWER
	What is	
1	12 subtract 4?	☐
2	15 take away 7?	☐
3	10 minus 8?	☐
4	the total of six and four?	☐
5	double 6?	☐
6	double 8?	☐
7	double 10?	☐
8	half of 12?	☐
9	half of 18?	☐
10	half of 8?	☐

Section 2 Session 8

A
ANSWER

1 (3) + :::: = ☐

2 (8) − •• = ☐

3 (2) + :::: = ☐

4 [domino: ●●● ●●● + ●●● ●●●] = ☐

5 [domino] = ☐

6 [domino] = ☐

Continue the pattern.

7 10 20 30 ☐ ☐ ☐

8 5 10 15 ☐ ☐ ☐

9 2 4 6 ☐ ☐ ☐

10 60 50 40 ☐ ☐ ☐

B
ANSWER

1 9 add 1 is ☐

2 4 subtract 4 is ☐

3 16 take away 2 leaves ☐

4 Double 8 is ☐

5 Half of 10 is ☐

6 Half of ☐ is 6. ☐

7 6 8 ☐ ☐ ☐ 16 18

8 ☐ 25 30 35 ☐ ☐

9 40 50 60 ☐ ☐ ☐

10 20 18 16 ☐ ☐ ☐

C
ANSWER

How many are left?
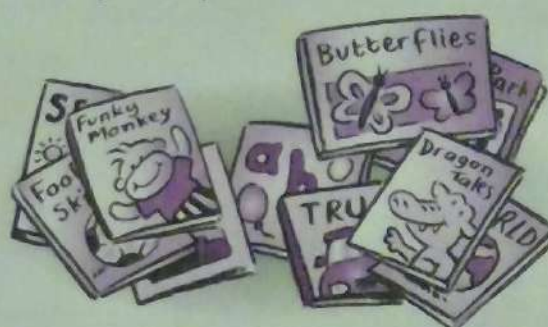
1 8 books take away 2 books. ☐

2 10 books subtract 4 books. ☐

3 What is the total of 5 and 14? ☐

4 What number is twice as many as 8? ☐

5 What is half of 18? ☐

6 What number is twice as many as 7? ☐

What is the final number?

7 Start on 35.
Add 3 jumps of 5. ☐

8 Start on 20.
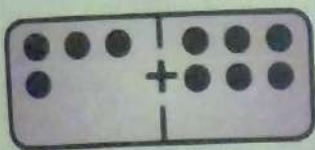Count back 3 twos. ☐

9 Count back 9 tens from 100. ☐

10 Count in fives from zero to 20.
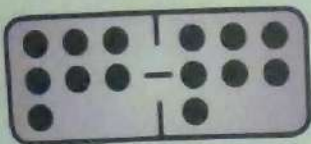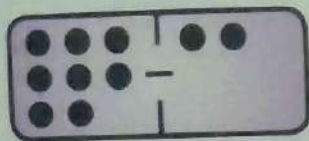How many fives? ☐

24

Section 2 Session 9

A

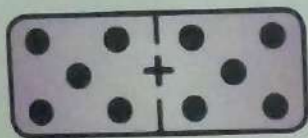**ANSWER**

1. [domino] $+$ = [ ]

2. [domino] $-$ = [ ]

3. [domino] $-$ = [ ]

4. [domino] $+$ = [ ]

5. [domino] $+$ = [ ]

6. [domino] $+$ = [ ]

7. [domino] $+$ = [ ]
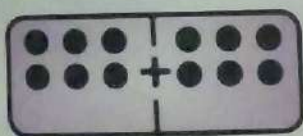
8. 20 18 16 [ ] [ ] [ ]

9. 30 25 20 [ ] [ ] [ ]

10. 60 50 40 [ ] [ ] [ ]

B

ANSWER

1. 5 + [ ] = 7   [ ]

2. 6 − [ ] = 4   [ ]

3. [ ] − 3 = 4   [ ]

---

4. Double **6** is   [ ]

5. Double [ ] is **18**.   [ ]

6. Half of **16** is   [ ]

7. Half of **10** is   [ ]

8. 10 [ ] 30 [ ] 50 [ ]

9. 4 [ ] 8 [ ] 12 [ ]

10. 20 [ ] 30 [ ] 40 [ ]

C

ANSWER

How many

1. is **5** and **4** in total?   [ ]

2. is **6** take away **2**?   [ ]

3. more than **6** is **10**?   [ ]

What is

4. double **10**?   [ ]

5. double **6**?   [ ]

6. half of **18**?   [ ]

7. half of **8**?   [ ]

[number line: 0 10 20 30 40 50 60 70]
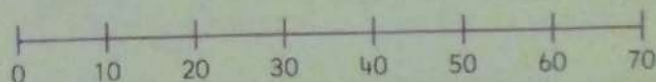
What is the final number when you count back

8. **3** tens from **70**?   [ ]

9. **4** tens from **50**?   [ ]

[number line: 0 5 10 15 20 25 30 35 40]
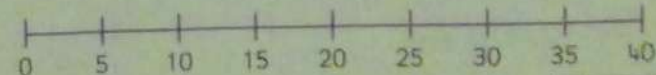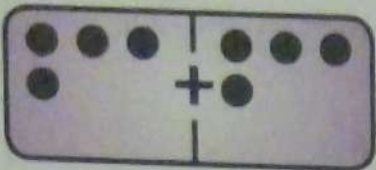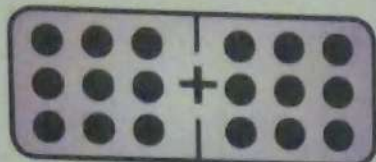
10. **8** fives from **40**?   [ ]
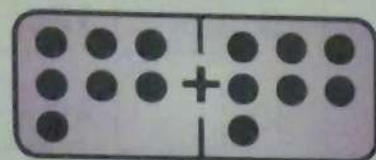
Section 2 Session 10
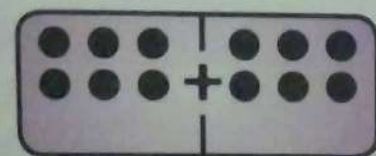
A
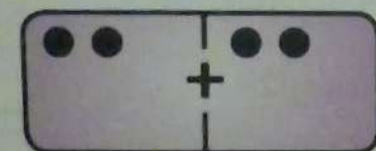
ANSWER

1. = ☐

2. = ☐

3. = ☐

4. = ☐

5. = ☐

6. 5 10 ☐ ☐ 25 ☐

7. 30 40 50 ☐ ☐ ☐

8. 6 8 10 ☐ ☐ ☐

9. 60 50 40 ☐ ☐ ☐

10. 18 ☐ 14 ☐ ☐ 8

B

ANSWER

1. Half of **14** is ☐

2. Half of **18** is ☐

3. Double **2** is ☐

4. Half of **6** is ☐

5. Double **6** is ☐

6. Start at **5**. Count on **3** fives. ☐

7. Start at **8**. Count on **3** twos. ☐

8. Start at **30**. Count on **5** tens. ☐

9. Start at **12**. Count back **2** twos. ☐

10. Start at **100**. Count back **5** tens. ☐

C

ANSWER

What number is twice as many as

1. **4**? ☐

2. **6**? ☐

3. **8**? ☐

What number is half of

4. **16**? ☐

5. **18**? ☐

What is the final number?

6. Start at **10**. Count on **4** tens. ☐

7. Start at **20**. Count on **6** fives. ☐

8. Count in twos from **6** to **20**. How many twos did you count? ☐

9. Count back in fives from **40** to **25**. How many fives did you count? ☐

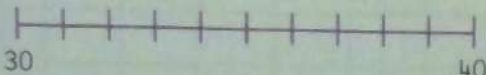10. Count back in tens from **70** to zero. How many tens did you count? ☐

Section 2 Check-up 2

2 ANSWER

1 56 is the same as

[ ] tens and [ ] ones.

2 4 tens and 3 ones is the same as [ ]

Write the number on the number line.

3 36

30   40

4 Write the numbers in order

62   59   37   84

[ ] [ ] [ ] [ ]

5 3 + 6 + 2 = [ ]

6 7 + 5 + 3 = [ ]

7 15 + 4 = [ ]

8 19 + 4 = [ ]

9 4 + 3 = [ ]

10 9 – 2 = [ ]

11 8 + 8 = [ ]

12 9 + 9 = [ ]

13 Half of 12 is [ ]

14 0   2   4 [ ] [ ] [ ]

15 0   5   10 [ ] [ ] [ ]

16 0   10   20 [ ] [ ] [ ]

17 Write 5 tens and 3 ones as a number. [ ]

Write < or >.

18 91   19 [ ]

19 23   32 [ ]

20 Write these numbers in order.

97   45   86   37   29

[ ] [ ] [ ] [ ] [ ]

21 8 + 7 + 8 = [ ]

28p   15p   5p   4p   3p

potatoes   carrots   oranges
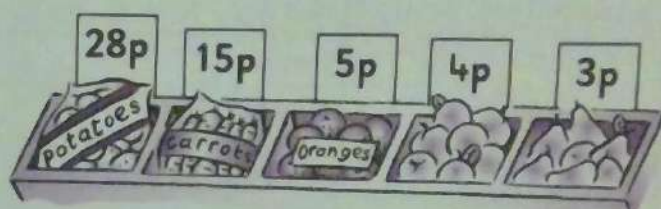
How much do these total?

22 potatoes and an orange [ ] p

23 carrots and an orange [ ] p

24 an orange and an apple [ ] p

25 two pears [ ] p

How much more

26 do the carrots cost than the orange? [ ] p

27 does an orange cost than a pear? [ ] p

Where do you finish on the number line if you

28 start at 10 and make 4 hops of 5? [ ]

29 start at 30 and make 6 hops of 10? [ ]

30 start at 20 and make 5 hops of 2 back? [ ]

27

Check-up 4
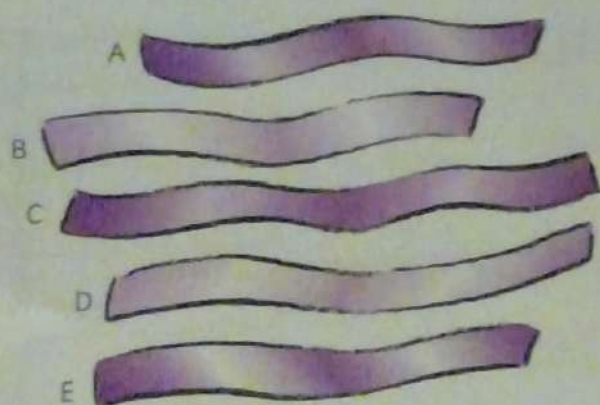## Measurement, Geometry and Statistics

ANSWER

1 Sort these names into the table.

Samir	Lexi	Sam
Eve	Jacob	Isha
Ethan	Delip	Luke
Mia	Tom	Molly

Names with 3 letters	Names with 4 letters	Names with 5 letters

2 Which set of names has most in the table?

3 Estimate which is the longest.

A
B
C
D
E

4 What length does the arrow show?

cm

25cm

20cm
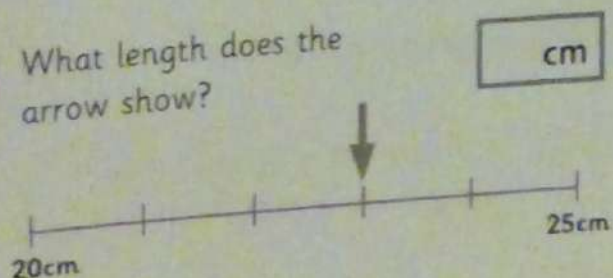
5 Draw hands to show quarter to 4.
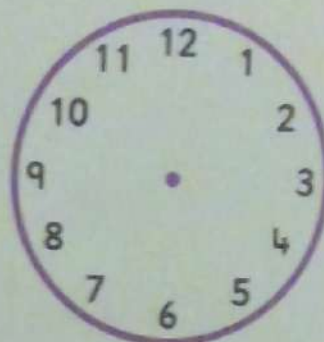
6 Draw hands to show twenty past 12.
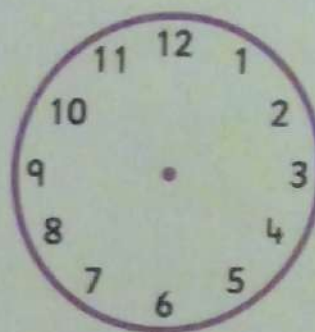
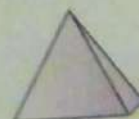**7** Join the 2-D shapes to their names.
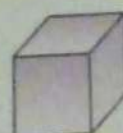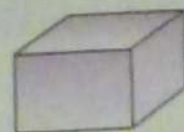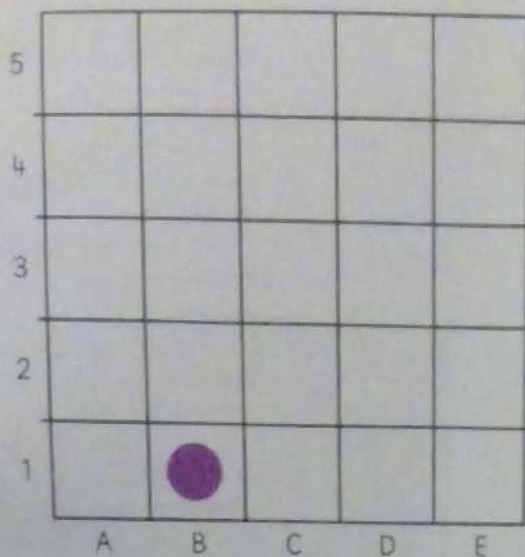
Square   Circle   Rectangle

Triangle   Pentagon

8 Join the 3-D shapes to their names.

Cube   Cuboid   Sphere

Cone   Pyramid

40

Put an arrow at

3 37cm.

4 32cm.

30cm ├─┼─┼─┼─┼─┼─┼─┼─┼─┼─┤ 40cm

What time does the clock show?

5

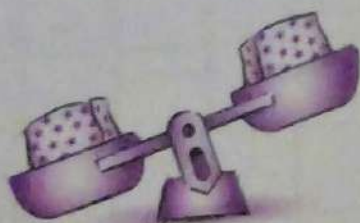**9** Draw a triangle at **C3**.

10 Where is the circle?

ANSWER

1 Write in each column the names of three people you know.

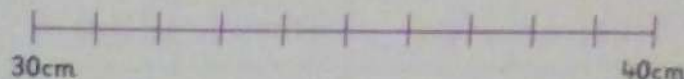| Names with 3 letters	Names with 4 letters	Names with 5 letters

2 Tick the side of the balance that is heavier.
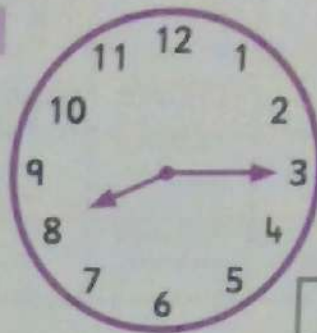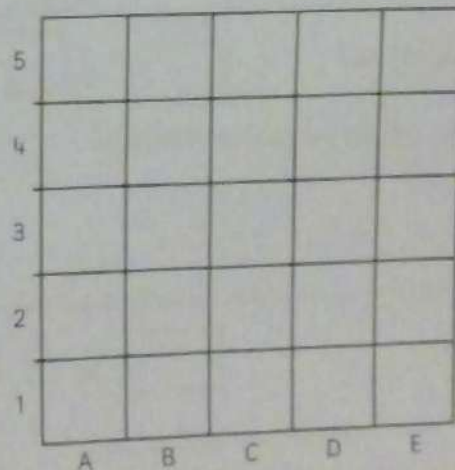
6
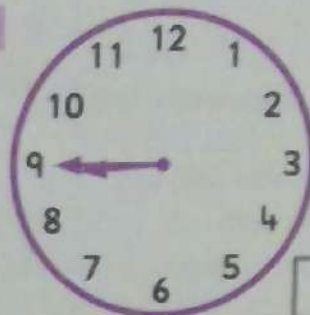
Write the name of a shape with

7 five sides.

8 six faces that are all the same size.

9 Put a circle in the square **B1**.

10 Put a triangle in the square **A5**.

41

ANSWER

Plain crisps	Salt and vinegar crisps	Cheese and onion crisps	Prawn cocktail crisps
Max	Jay	Adam	Delip
Zoe	Jamie	Heidi	Anna
Amy	Lucy	Ollie	Sofia
	Kian	Hannah	Rose
	Ravi	Theo	
	Archie		

How many

1 children like plain crisps best?

2 more children like salt and vinegar crisps than prawn cocktail crisps?

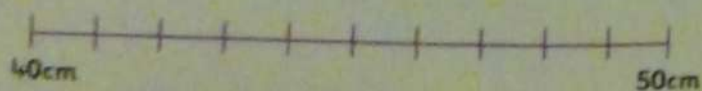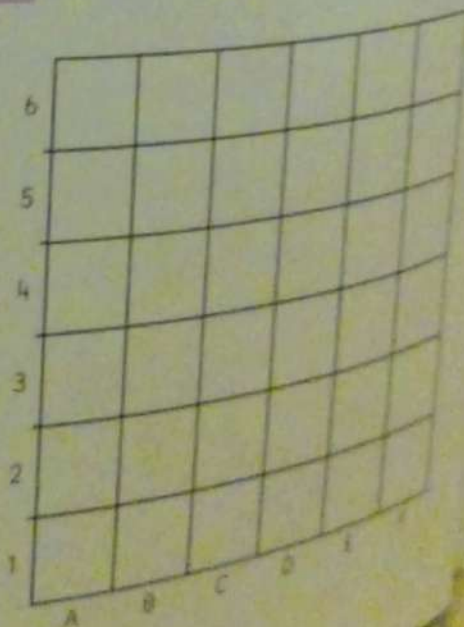**3** Write a title for the table.

What is

4 half of **10m**?   m

5 half of **6l**?   l

6 Put an arrow where **47cm** is.

40cm   50cm

7 If you leave home at **5** o'clock and your journey ends at **9** o'clock, how long is your journey?

Draw a

8 pentagon.

9 triangle.

10 Put a circle in the square **A6**

Just Facts

0 + 0 = ☐	0 + 1 = ☐	0 + 2 = ☐	0 + 3 = ☐
1 + 0 = ☐	1 + 1 = ☐	1 + 2 = ☐	1 + 3 = ☐
2 + 0 = ☐	2 + 1 = ☐	2 + 2 = ☐	2 + 3 = ☐
3 + 0 = ☐	3 + 1 = ☐	3 + 2 = ☐	3 + 3 = ☐
4 + 0 = ☐	4 + 1 = ☐	4 + 2 = ☐	4 + 3 = ☐
5 + 0 = ☐	5 + 1 = ☐	5 + 2 = ☐	5 + 3 = ☐
6 + 0 = ☐	6 + 1 = ☐	6 + 2 = ☐	6 + 3 = ☐
7 + 0 = ☐	7 + 1 = ☐	7 + 2 = ☐	7 + 3 = ☐
8 + 0 = ☐	8 + 1 = ☐	8 + 2 = ☐	
9 + 0 = ☐	9 + 1 = ☐		
10 + 0 = ☐			

0 + 4 = ☐	0 + 5 = ☐	0 + 6 = ☐	0 + 7 = ☐
1 + 4 = ☐	1 + 5 = ☐	1 + 6 = ☐	1 + 7 = ☐
2 + 4 = ☐	2 + 5 = ☐	2 + 6 = ☐	2 + 7 = ☐
3 + 4 = ☐	3 + 5 = ☐	3 + 6 = ☐	3 + 7 = ☐
4 + 4 = ☐	4 + 5 = ☐	4 + 6 = ☐	
5 + 4 = ☐	5 + 5 = ☐		
6 + 4 = ☐			

0 + 8 = ☐	0 + 9 = ☐	0 + 10 = ☐
1 + 8 = ☐	1 + 9 = ☐	
2 + 8 = ☐		

Just Facts

1 – 0 = ☐	1 – 1 = ☐	2 – 2 = ☐	3 – 3 = ☐
2 – 0 = ☐	2 – 1 = ☐	3 – 2 = ☐	4 – 3 = ☐
3 – 0 = ☐	3 – 1 = ☐	4 – 2 = ☐	5 – 3 = ☐
4 – 0 = ☐	4 – 1 = ☐	5 – 2 = ☐	6 – 3 = ☐
5 – 0 = ☐	5 – 1 = ☐	6 – 2 = ☐	7 – 3 = ☐
6 – 0 = ☐	6 – 1 = ☐	7 – 2 = ☐	8 – 3 = ☐
7 – 0 = ☐	7 – 1 = ☐	8 – 2 = ☐	9 – 3 = ☐
8 – 0 = ☐	8 – 1 = ☐	9 – 2 = ☐	10 – 3 = ☐
9 – 0 = ☐	9 – 1 = ☐	10 – 2 = ☐	
10 – 0 = ☐	10 – 1 = ☐		

4 – 4 = ☐	5 – 5 = ☐	6 – 6 = ☐	7 – 7 = ☐
5 – 4 = ☐	6 – 5 = ☐	7 – 6 = ☐	8 – 7 = ☐
6 – 4 = ☐	7 – 5 = ☐	8 – 6 = ☐	9 – 7 = ☐
7 – 4 = ☐	8 – 5 = ☐	9 – 6 = ☐	10 – 7 = ☐
8 – 4 = ☐	9 – 5 = ☐	10 – 6 = ☐	
9 – 4 = ☐	10 – 5 = ☐		
10 – 4 = ☐			

8 – 8 = ☐	9 – 9 = ☐	10 – 10 = ☐
9 – 8 = ☐	10 – 9 = ☐	
10 – 8 = ☐		

Just Facts

1 + 1	= ☐	2 – 1	= ☐	$\frac{1}{2}$ of 2	= ☐
2 + 2	= ☐	4 – 2	= ☐	$\frac{1}{2}$ of 4	= ☐
3 + 3	= ☐	6 – 3	= ☐	$\frac{1}{2}$ of 6	= ☐
4 + 4	= ☐	8 – 4	= ☐	$\frac{1}{2}$ of 8	= ☐
5 + 5	= ☐	10 – 5	= ☐	$\frac{1}{2}$ of 10	= ☐
6 + 6	= ☐	12 – 6	= ☐	$\frac{1}{2}$ of 12	= ☐
7 + 7	= ☐	14 – 7	= ☐	$\frac{1}{2}$ of 14	= ☐
8 + 8	= ☐	16 – 8	= ☐	$\frac{1}{2}$ of 16	= ☐
9 + 9	= ☐	18 – 9	= ☐	$\frac{1}{2}$ of 18	= ☐
10 + 10	= ☐	20 – 10	= ☐	$\frac{1}{2}$ of 20	= ☐

Just Facts

Multiplication facts for 2s		Multiplication facts for 5s		Multiplication facts for 10s	
1 × 2 =	☐	1 × 5 =	☐	1 × 10 =	☐
2 × 2 =	☐	2 × 5 =	☐	2 × 10 =	☐
3 × 2 =	☐	3 × 5 =	☐	3 × 10 =	☐
4 × 2 =	☐	4 × 5 =	☐	4 × 10 =	☐
5 × 2 =	☐	5 × 5 =	☐	5 × 10 =	☐
6 × 2 =	☐	6 × 5 =	☐	6 × 10 =	☐
7 × 2 =	☐	7 × 5 =	☐	7 × 10 =	☐
8 × 2 =	☐	8 × 5 =	☐	8 × 10 =	☐
9 × 2 =	☐	9 × 5 =	☐	9 × 10 =	☐
10 × 2 =	☐	10 × 5 =	☐	10 × 10 =	☐
11 × 2 =	☐	11 × 5 =	☐	11 × 10 =	☐
12 × 2 =	☐	12 × 5 =	☐	12 × 10 =	☐

Just Facts

Division facts for 2s

2 ÷ 2 = ☐

4 ÷ 2 = ☐

6 ÷ 2 = ☐

8 ÷ 2 = ☐

10 ÷ 2 = ☐

12 ÷ 2 = ☐

14 ÷ 2 = ☐

16 ÷ 2 = ☐

18 ÷ 2 = ☐

20 ÷ 2 = ☐

22 ÷ 2 = ☐

24 ÷ 2 = ☐

Division facts for 5s

5 ÷ 5 = ☐

10 ÷ 5 = ☐

15 ÷ 5 = ☐

20 ÷ 5 = ☐

25 ÷ 5 = ☐

30 ÷ 5 = ☐

35 ÷ 5 = ☐

40 ÷ 5 = ☐

45 ÷ 5 = ☐

50 ÷ 5 = ☐

55 ÷ 5 = ☐

60 ÷ 5 = ☐

Division facts for 10s

10 ÷ 10 = ☐

20 ÷ 10 = ☐

30 ÷ 10 = ☐

40 ÷ 10 = ☐

50 ÷ 10 = ☐

60 ÷ 10 = ☐

70 ÷ 10 = ☐

80 ÷ 10 = ☐

90 ÷ 10 = ☐

100 ÷ 10 = ☐

110 ÷ 10 = ☐

120 ÷ 10 = ☐