A — Answer
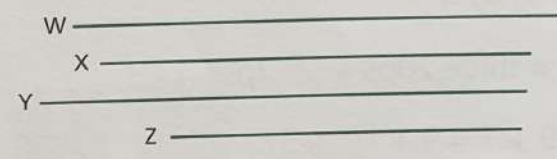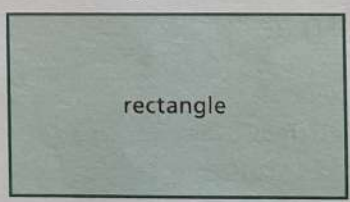
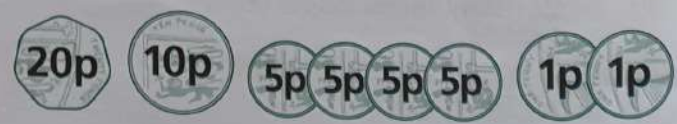1. $(5 \times 100) + (3 \times 10) =$ _____

2. $6 + 20 + 7 =$ _____

3. $(6 \times 5) + 3 =$ _____

4. $20cm - 5\frac{1}{2}cm =$ _____ cm

5. $240 = 10 + \blacksquare + 200$ _____

6. $\frac{1}{2}kg - 100g = \blacksquare\ g$ _____ g

7. $\blacksquare \div 5 = 9$ _____

8. $(16cm - 8cm) + 5cm =$ _____ cm

9. $1070g = 1kg\ \blacksquare\ g$ _____ g

10. $\frac{1}{3}$ of $12 + \frac{1}{4}$ of $20 =$ _____

B — Answer

1. What is the next odd number greater than 69? _____

2. From 403 take 10. _____

3. Divide 35cm into 10 equal parts. What is the length of each part? _____ cm

4. What number is added to 8 to make 278? _____

5. How many grams in 1kg 40g? _____ g

6. Write the missing sign $+$, $-$, $\times$ or $\div$ in place of the ●.

    $13 - 5 = 8 ● 1.$ _____

7. How many centimetres when 37cm is added to $\frac{1}{2}$m? _____ cm

8. $50p + 34p + 20p = £\blacksquare$ £_____

9. In 56 there are 7 groups of 8. How many groups of 7 are there in 56? _____

10. What is the change from two 20ps after spending 29p? _____ p

C — Answer

1. Write in words the time that is 35 minutes after ten to five. _____

2. Luke does his homework for $1\frac{1}{2}$ hours each day, Monday to Friday. How many hours does he spend on homework per week? _____ h

3. Estimate which two of these lines, W, X, Y and Z, are of equal length. _____

    W ——————————
    X ——————————
    Y ——————————
    Z ——————————

4. 100g of pears cost 20p. Find the cost of $\frac{1}{2}$kg. £_____

5. What is the total number of days in the first three months of a leap year? _____

6. What is the total cost of four pots of paint at 80p per pot? £_____

7. A rectangle has

    rectangle

    a $\blacksquare$ pairs of equal opposite sides   a _____

    b $\blacksquare$ right angles.   b _____

8. By how much is 48p per metre cheaper than 57p per metre? _____ p

9. A bag of pasta has a mass of 1kg 200g. Write the mass in grams. _____ g

10. Find the total value of these coins. _____ p

    20p 10p 5p 5p 5p 5p 1p 1p

A

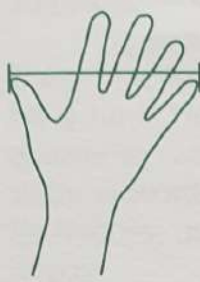|		Answer
1	$400 - 200 - 50 =$	
2	$(7 \times 10) + 6 =$	
3	One-fifth of thirty =	
4	$\blacksquare \div 8 = 12$	
5	$2 \times \frac{3}{4} =$	
6	$750g = 500g + \blacksquare g$	_____ g
7	$30p + 60p = £1.00 - \blacksquare p$	_____ p
8	$45p = \blacksquare$ 5ps	_____ 5ps
9	$\frac{1}{2}m + 18cm = \blacksquare cm$	_____ cm
10	$70 + 9 = \blacksquare + 60$	

B

Answer

1 What number when multiplied by six gives sixty as the answer? _____

2 How much is added to three 2ps and one 5p to make 20p? _____ p

3 To the product of 3 and 6 add 5. _____

4 What is the difference between the largest and smallest of these numbers?
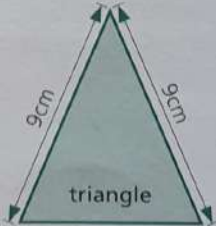
$1\frac{1}{2}$ $\frac{3}{4}$ 4 $3\frac{1}{4}$

_____

5 From £1.15 take 90p. _____ p

6 What length is 5cm less than $\frac{1}{2}m$? _____ cm

7 If 32p is divided equally between five children, how many pence are left? _____ p

8   How many minutes from the time on the clock to ten to 11? _____ min

9 Rearrange the numbers 4, 6, 9 to make the largest possible odd number. _____

10 $\frac{1}{2}kg$ is $\blacksquare$ g less than 625g. _____ g

C

		Answer

1 How many 50p coins make the same value as £3.00? _____ 50ps

2   Freya's hand span measures 12cm. Find the length of five spans. _____ cm

3 A glass holds $\frac{1}{2}$l. How many times can it be filled from a bottle holding 8l? _____

4 In a school there are 523 pupils. If 40 pupils leave, how many remain? _____

5 Grace has four bank notes of the same value. She has £200. What is the value of each note? £_____

6 A chef requires 8kg of oranges. How much money will be saved by ordering the cheaper variety? _____ p

Oranges	Oranges
69p per kg	73p per kg

7 Tom leaves home at 8 o'clock a.m. and returns at 5 o'clock p.m. For how many hours is he away from home? _____ h

8 Gulshan gives 68p to her sister. She has four 10ps and two 5ps left. How much had she at first? £_____

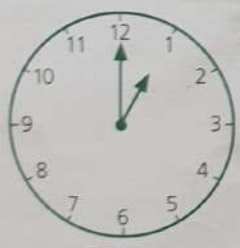9 Which of these numbers is a multiple of both 3 and 6?

15   21   30   39

_____

10   The distance round the triangle is 25cm. Two sides each measure 9cm.

9cm   9cm

triangle

What is the length of the third side? _____ cm

A

		Answer
1	50 tens + 8 units =	
2	$3+3+3+3+3+3+3+3=$	
3	$\frac{1}{4}$ of 1m = ▨ cm	cm
4	£1.00 − 45p = ▨ p	p
5	$10 \times 0 = 8 \times$ ▨	
6	489 + 20 =	
7	$\frac{1}{2}$ kg = 850g − ▨ g	g
8	$1 = \frac{1}{5} +$ ▨	
9	How many days in August and September together?	
10	85cm + ▨ cm = 1m	cm

B

		Answer
1	5 more than 17 minus 8	
2	Add the even numbers between 9 and 15.	
3	How many 10ps are worth £2.70?	10ps
4	$8 \times 5 = 5 \times$ ▨	

5   What is the time 3 hours before the time on the clock? Use a.m. or p.m.

afternoon

6   If 36 is divided by a number the answer is 9. What is the number?

7   Find the cost of five toothbrushes at 70p each.   £ _____

8   One-tenth of 460

9   From 2m take 75cm.   _____ m _____ cm

10   Find the difference between five 5ps and seven 2ps.   _____ p

C

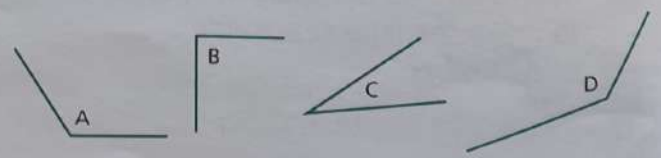|		Answer
1	How many stickers are there in 12 packets, each containing 20 stickers?	
2	Nyasha has 18p, which is $\frac{3}{4}$ of her money. How much is half of her money?	p
3	A length of rope measures 1m 24cm. It is cut into two equal pieces. Find the length of each piece.	cm
4	By how many grams is parcel B heavier than parcel A?	g

A $\frac{1}{4}$ kg

B 330g

5   George's birthday is in October. Mia is 5 months older than George. In which month is her birthday? _____

6   How much more than £1.00 did Leah spend after paying for $1\frac{1}{2}$ kg of onions at 40p per $\frac{1}{2}$ kg? _____ p

7   A bath, when full, holds 60l. It is $\frac{1}{4}$ full. How many more litres are required to fill it? _____ l

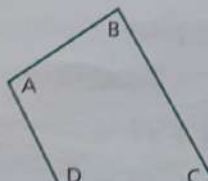8   What number is the arrow pointing to? _____

0   1000

9   Maisy changes eighteen 1ps and six 2ps for 5ps. How many 5ps did she receive? _____ 5ps

10   Which of these angles, A, B, C or D, is less than a right angle? _____

A   B   C   D

A — Answer

1 $614 = $ ☐ tens 4 units _____ T

2 Half of $(15 - 7) = $ _____

3 $130cm + 70cm = $ ☐ m _____ m

4 $4\frac{3}{4} = $ ☐ quarters _____

5 $(6p \times 8) + 2p = $ _____ p

6 $1 - \frac{7}{10} = $ ☐ _____

7 $24 \div 4 = 3 \times $ ☐ _____

8 $£1.00 - 16p = $ ☐ p _____ p

9 $630 - 50 = $ _____

10 $1kg = $ ☐ g + 750g _____ g

B — Answer

1 What is the value of the digit
underlined in the number 8<u>6</u>3? _____

2 To 23p add 17p and 5p. _____ p

3 Write the missing sign +, −,
× or ÷ in place of the ●.

6 tens ● 8 units = 52 _____

4 Decrease £1.35 by 29p. £ _____

5 What is the missing number
in this sequence?

48, 42, 36, 30, ☐ _____

6 By how many centimetres
is 2m more than $\frac{1}{2}$m? _____ cm

7 How many times can 5 be
subtracted from 40? _____

8 Divide £0.48 by 8.
Write the answer in pence. _____ p

9 How many minutes in
$2\frac{1}{2}$ hours? _____ min

10 $3\overline{)\ 1\ 2\ ☐\ ☐}$

**C** — Answer

1 A piece of tape measures 40cm.
Find the length in metres of
10 pieces. _____ m

2 Oscar practises his recorder
for $\frac{3}{4}$ hour. He begins at
quarter to twelve a.m.
Write in words what time
he finishes, using a.m.
or p.m. _____

3 How many yoghurts are
bought for £6.00? _____

Yoghurts
6 for £1.50

4 A side of a square measures
$9\frac{1}{2}$cm. Find the total length
of its sides. _____ cm

5 1l of water has a mass of 1kg.
What is the mass in grams of
$\frac{1}{2}$ litre of water? _____ g

6 £2.38 has the same value
as £2, three 10ps and some
2ps. How many 2ps? _____ 2ps

7 Ahmed measures his folder,
which is 50cm long. How
many folders measure 7m? _____

8 A sum of money is divided into
two parts. One part is worth 7p
and the other is worth three
times as much. What is the
sum of money? _____ p

9 The mass of each of three
parcels is 420g, $\frac{1}{4}$kg and
390g. By how many grams
is the heaviest parcel greater
than the lightest? _____ g

10   Which of the
angles A, B, C,
D in this shape
are greater than
a right angle?

A Write in words the number shown on each abacus.

| H T U | H T U | H T U | H T U |

_____ _____ _____ _____

_____ _____ _____ _____
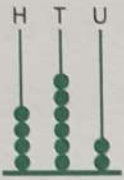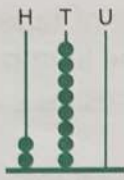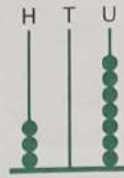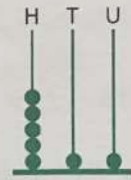
B Write these numbers in digits.

five hundred _____

one hundred and sixty-three _____

four hundred and thirteen _____

nine hundred and forty _____

three hundred and five _____

two hundred and eighty-nine _____

eight hundred and twenty-four _____

one hundred and two _____

seven hundred and seventy _____

one thousand _____

C

$400 + 60 + 3 =$ _____

$700 + 80 =$ _____

$600 + 1 =$ _____

$300 + 10 + 9 =$ _____

$500 + 20 =$ _____

$100 + 16 =$ _____

$379 =$ ▮ tens 9 units _____ T

$404 =$ ▮ tens 4 units _____ T

$230 = 2$ hundreds ▮ units _____ U

$865 = 8$ hundreds ▮ units _____ U

D Addition

$7 + 2 =$ ___	$16 + 3 =$ ___
$5 + 5 =$ ___	$2 + 18 =$ ___
$3 + 6 =$ ___	$5 + 14 =$ ___
$0 + 9 =$ ___	$11 + 8 =$ ___
$2 + 8 =$ ___	$7 + 13 =$ ___
$8 + 3 =$ ___	$15 + 7 =$ ___
$5 + 9 =$ ___	$13 + 8 =$ ___
$7 + 4 =$ ___	$5 + 16 =$ ___
$2 + 9 =$ ___	$18 + 4 =$ ___
$4 + 8 =$ ___	$6 + 19 =$ ___
$6 + 5 =$ ___	$17 + 7 =$ ___
$8 + 8 =$ ___	$6 + 14 =$ ___
$7 + 6 =$ ___	$19 + 4 =$ ___
$9 + 9 =$ ___	$5 + 18 =$ ___
$6 + 8 =$ ___	$7 + 19 =$ ___
$6 + 6 =$ ___	$15 + 5 =$ ___
$8 + 5 =$ ___	$29 + 8 =$ ___
$3 + 9 =$ ___	$7 + 26 =$ ___
$8 + 9 =$ ___	$8 + 27 =$ ___
$9 + 6 =$ ___	$4 + 29 =$ ___

E Subtraction

$9 - 5 =$ ___	$17 - 4 =$ ___
$7 - 3 =$ ___	$19 - 6 =$ ___
$8 - 0 =$ ___	$18 - 5 =$ ___
$10 - 4 =$ ___	$14 - 10 =$ ___
$10 - 7 =$ ___	$16 - 6 =$ ___
$12 - 3 =$ ___	$21 - 2 =$ ___
$14 - 5 =$ ___	$22 - 5 =$ ___
$11 - 7 =$ ___	$24 - 7 =$ ___
$13 - 9 =$ ___	$25 - 6 =$ ___
$17 - 9 =$ ___	$26 - 9 =$ ___
$16 - 8 =$ ___	$24 - 6 =$ ___
$13 - 5 =$ ___	$25 - 9 =$ ___
$14 - 9 =$ ___	$22 - 7 =$ ___
$13 - 6 =$ ___	$21 - 6 =$ ___
$14 - 8 =$ ___	$25 - 7 =$ ___
$17 - 8 =$ ___	$21 - 8 =$ ___
$18 - 9 =$ ___	$32 - 9 =$ ___
$15 - 8 =$ ___	$31 - 4 =$ ___
$16 - 7 =$ ___	$34 - 5 =$ ___
$13 - 8 =$ ___	$33 - 7 =$ ___

A Write the missing number in each of these sequences.

270, 370, 470, 570, ■ _____

403, 303, 203, 103, ■ _____

360, 370, 380, 390, ■ _____

135, 125, 115, 105, ■ _____

How many times larger is

100 than 10 _____

1000 than 100 _____

300 than 3 _____

460 than 46? _____

Write the value of the digits underlined.

7̲06 _____

85̲0 _____

6̲03 _____

B Addition

20 + 50 = _____

10 + 90 = _____

39 + 40 = _____

70 + 18 = _____

95 + 6 = _____

75 + 30 = _____

92 + 9 = _____

150 + 50 = _____

247 + 100 = _____

180 + 20 = _____

396 + 10 = _____

199 + 1 = _____

298 + 5 = _____

106 + 7 = _____

509 + 4 = _____

C Subtraction

60 − 40 = _____

80 − 50 = _____

47 − 10 = _____

99 − 30 = _____

87 − 17 = _____

32 − 12 = _____

74 − 4 = _____

112 − 10 = _____

208 − 100 = _____

460 − 60 = _____

103 − 6 = _____

300 − 7 = _____

201 − 10 = _____

500 − 40 = _____

310 − 5 = _____

D Multiplication

2 × 6 = _____ (1 × 5) + 3 = _____

7 × 3 = _____ (3 × 4) + 2 = _____

5 × 4 = _____ (5 × 5) + 2 = _____

8 × 5 = _____ (7 × 10) + 6 = _____

4 × 6 = _____ (9 × 3) + 2 = _____

3 × 10 = _____ (8 × 6) + 5 = _____

0 × 3 = _____ (7 × 4) + 2 = _____

1 × 6 = _____ (9 × 8) + 4 = _____

2 × 5 = _____ (0 × 10) + 5 = _____

10 × 6 = _____ (1 × 8) + 4 = _____

7 × 5 = _____ (2 × 4) + 3 = _____

4 × 8 = _____ (6 × 3) + 2 = _____

6 × 8 = _____ (8 × 2) + 1 = _____

9 × 2 = _____ (5 × 6) + 4 = _____

4 × 9 = _____ (8 × 8) + 5 = _____

E Division

12 ÷ 2 = _____ 22 ÷ 2 = _____

15 ÷ 5 = _____ 32 ÷ 4 = _____

50 ÷ 10 = _____ 100 ÷ 10 = _____

18 ÷ 3 = _____ 60 ÷ 5 = _____

40 ÷ 8 = _____ 33 ÷ 3 = _____

24 ÷ 4 = _____ 96 ÷ 8 = _____

0 ÷ 3 = _____ 120 ÷ 10 = _____

35 ÷ 5 = _____ 8 ÷ 8 = _____

56 ÷ 8 = _____ 0 ÷ 3 = _____

16 ÷ 2 = _____ 48 ÷ 4 = _____

32 ÷ 4 = _____ 88 ÷ 8 = _____

70 ÷ 10 = _____ 110 ÷ 10 = _____

0 ÷ 5 = _____ 44 ÷ 4 = _____

21 ÷ 3 = _____ 10 ÷ 10 = _____

48 ÷ 8 = _____ 36 ÷ 3 = _____

F Find the total of 9, 7, 4 and 2. _____

29 minus 10 = _____

8 times 3 = _____

Increase 15 by 9. _____

Divide 36 into 4 equal parts. _____

What is the difference between 8 and 23? _____

Find the product of 9 and 10. _____

What number is added to 16 to make 25? _____

By how many is 18 less than 26? _____

What number when multiplied by 8 gives 56 as the answer? _____
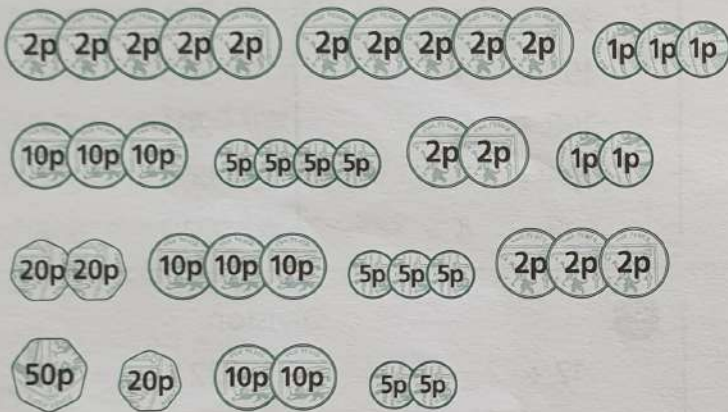
A

10p =   ☐ 5ps   _____
        ☐ 2ps   _____

20p =   ☐ 10ps _____
        ☐ 5ps   _____
        ☐ 2ps   _____

£1 =   ☐ 50ps _____
        ☐ 20ps _____
        ☐ 10ps _____
        ☐ 5ps   _____
        ☐ 2ps   _____
        ☐ 1ps   _____

50p =   ☐ 10ps _____
        ☐ 5ps   _____
        ☐ 2ps   _____

B Find the total value of the coins in each row.

(2p 2p 2p 2p 2p) (2p 2p 2p 2p 2p) (1p 1p 1p)   _____ p

(10p 10p 10p) (5p 5p 5p 5p) (2p 2p) (1p 1p)   _____ p

(20p 20p) (10p 10p 10p) (5p 5p 5p) (2p 2p 2p)   _____ p

(50p) (20p) (10p 10p) (5p 5p)   £ _____

seven 10ps	=	_____ p
eight 5ps	=	_____ p
twelve 2ps	=	_____ p
two 10ps and three 2ps	=	_____ p
four 2ps and 5p	=	_____ p
four 10ps and six 5ps	=	_____ p
one 50p and two 20ps	=	_____ p

C

Find the change from a 10p after spending these amounts.	Find the change from a 20p after spending these amounts.	Find the change from a 50p after spending these amounts.	Find the change from £1 after spending these amounts.
4p _____ p	16p _____ p	44p _____ p	93p _____ p
8p _____ p	12p _____ p	38p _____ p	85p _____ p
6p _____ p	14p _____ p	22p _____ p	78p _____ p
2p _____ p	18p _____ p	19p _____ p	61p _____ p
5p _____ p	15p _____ p	36p _____ p	54p _____ p
3p _____ p	11p _____ p	25p _____ p	42p _____ p
1p _____ p	7p _____ p	14p _____ p	36p _____ p
7p _____ p	3p _____ p	9p _____ p	19p _____ p

D Write the missing number of coins.

six 2ps and three 1ps   = ☐ 5ps   _____

two 10ps and five 2ps   = ☐ 5ps   _____

one 50p and three 10ps = ☐ 20ps   _____

one 50p and two 20ps   = ☐ 10ps   _____

£1 is worth

four 20ps and ☐ 10ps   _____

one 50p and ☐ 10ps   _____

one 50p, one 20p and ☐ 10ps   _____

one 50p, two 20ps and ☐ 5ps   _____

A

V ———————————————————————————————

W ———————————————————————————

X ——————————————————————

Y ———————————————————————————

Z —————————————————————————
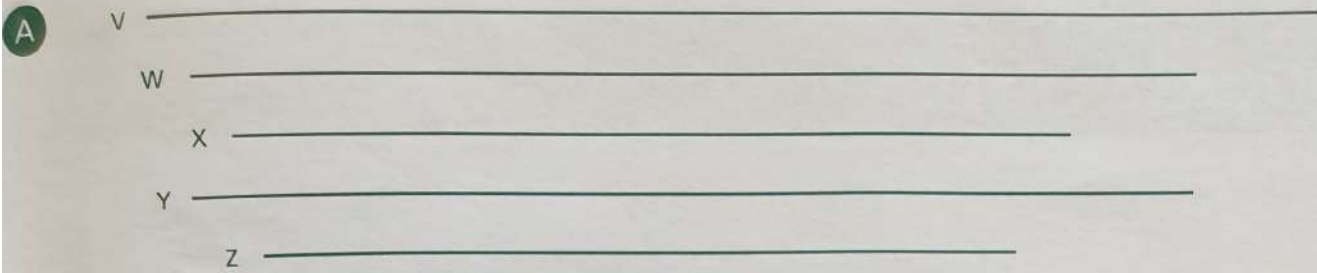
Without using a ruler, estimate which of the lines V, W, X, Y, Z

is the longest _____

is the shortest _____

are of equal length _____
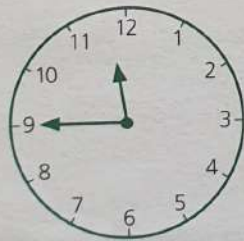
measures 9cm _____

measures 14cm. _____

B Write the missing numbers.

10mm	= ▢ cm	_____ cm	1m 35cm	= ▢ cm	_____ cm
25 half-cm	= ▢ cm	_____ cm	$\frac{1}{2}$m − 40cm	= ▢ cm	_____ cm
1m	= ▢ cm	_____ cm	2m + ▢ cm	= 265cm	_____ cm
$\frac{1}{2}$m	= ▢ cm	_____ cm	$\frac{1}{2}$m + 90cm	= ▢ cm	_____ cm
$\frac{1}{4}$m	= ▢ cm	_____ cm	54cm + ▢ cm	= 1m	_____ cm
$\frac{3}{4}$m	= ▢ cm	_____ cm	$\frac{1}{4}$m + 150cm	= ▢ m	_____ m
1kg	= ▢ g	_____ g	1kg − 750g	= ▢ g	_____ g
$\frac{1}{2}$kg	= ▢ g	_____ g	$\frac{1}{2}$kg + ▢ g	= 700g	_____ g
$\frac{1}{10}$kg	= ▢ g	_____ g	2kg 400g	= ▢ g	_____ g
1 litre	= ▢ ml	_____ ml	250g + 250g	= ▢ kg	_____ kg

C Write the time shown on each clock face in words using a.m. or p.m.

morning   afternoon   morning   afternoon

D

			How many days in		How long is it from 10 o'clock a.m. to		
1h	= ▢ min	_____			midday	h	min
$\frac{1}{2}$h	= ▢ min	_____	April	_____	1 o'clock p.m.	h	min
$\frac{1}{4}$h	= ▢ min	_____	July	_____	half past four p.m.	h	min
$\frac{3}{4}$h	= ▢ min	_____	January	_____	ten to six p.m.	h	min
1 week	= ▢ days	_____	October	_____	ten past ten p.m.?	h	min
1 year	= ▢ months	_____	June?	_____			

A

		Answer
1	$(5 \times 100) + (3 \times 10) =$	530
2	$6 + 20 + 7 =$	33
3	$(6 \times 5) + 3 =$	33
4	$20cm - 5\frac{1}{2}cm =$	$14\frac{1}{2}$ cm
5	$240 = 10 + \blacksquare + 200$	30
6	$\frac{1}{2}kg - 100g = \blacksquare g$	400g
7	$\blacksquare \div 5 = 9$	45
8	$(16cm - 8cm) + 5cm =$	13cm
9	$1070g = 1kg \blacksquare g$	70g
10	$\frac{1}{3}$ of $12 + \frac{1}{4}$ of $20 =$	9

B

		Answer
1	What is the next odd number greater than 69?	71
2	From 403 take 10.	393
3	Divide 35cm into 10 equal parts. What is the length of each part?	$3\frac{1}{2}$ cm
4	What number is added to 8 to make 278?	270
5	How many grams in 1kg 40g?	1040g
6	Write the missing sign +, −, × or ÷ in place of the ●. $13 - 5 = 8 \bullet 1.$	× or ÷
7	How many centimetres when 37cm is added to $\frac{1}{2}$ m?	87cm
8	$50p + 34p + 20p = £\blacksquare$	£1.04
9	In 56 there are 7 groups of 8. How many groups of 7 are there in 56?	8
10	What is the change from two 20ps after spending 29p?	11p

C

		Answer
1	Write in words the time that is 35 minutes after ten to five.	twenty-five past five
2	Luke does his homework for $1\frac{1}{2}$ hours each day, Monday to Friday. How many hours does he spend on homework per week?	$7\frac{1}{2}$ h
3	Estimate which two of these lines, W, X, Y and Z, are of equal length.	W Y

```
W ————————————
  X ————————————
Y ——————————————
   Z ————————————
```

		Answer
4	100g of pears cost 20p. Find the cost of $\frac{1}{2}$ kg.	£1.00
5	What is the total number of days in the first three months of a leap year?	91
6	What is the total cost of four pots of paint at 80p per pot?	£3.20
7	A rectangle has	

rectangle

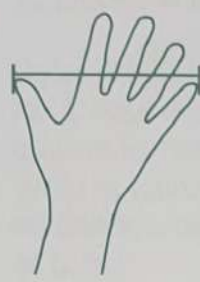|		Answer
a	pairs of equal opposite sides	a 2
b	right angles.	b 4
8	By how much is 48p per metre cheaper than 57p per metre?	9p
9	A bag of pasta has a mass of 1kg 200g. Write the mass in grams.	1200g
10	Find the total value of these coins.	52p

(20p) (10p) (5p 5p 5p 5p) (1p 1p)

A

Answer

1. $400 - 200 - 50 =$

2. $(7 \times 10) + 6 =$

3. One-fifth of thirty =

4. $\blacksquare \div 8 = 12$

5. $2 \times \frac{3}{4} =$

6. $750g = 500g + \blacksquare g$ _____ g

7. $30p + 60p = £1.00 - \blacksquare p$ _____ p

8. $45p = \blacksquare$ 5ps _____ 5ps

9. $\frac{1}{2}m + 18cm = \blacksquare cm$ _____ cm

10. $70 + 9 = \blacksquare + 60$

B

Answer

1. What number when multiplied by six gives sixty as the answer?

2. How much is added to three 2ps and one 5p to make 20p? _____ p

3. To the product of 3 and 6 add 5.

4. What is the difference between the largest and smallest of these numbers?

   $1\frac{1}{2}$ $\frac{3}{4}$ 4 $3\frac{1}{4}$

5. From £1.15 take 90p. _____ p

6. What length is 5cm less than $\frac{1}{2}m$? _____ cm

7. If 32p is divided equally between five children, how many pence are left? _____ p

8. How many minutes from the time on the clock to ten to 11? _____ min

9. Rearrange the numbers 4, 6, 9 to make the largest possible odd number.

10. $\frac{1}{2}$kg is $\blacksquare$ g less than 625g. _____ g

C

Answer

1. How many 50p coins make the same value as £3.00? _____ 50ps

2. Freya's hand span measures 12cm. Find the length of five spans. _____ cm

3. A glass holds $\frac{1}{2}$l. How many times can it be filled from a bottle holding 8l?

4. In a school there are 523 pupils. If 40 pupils leave, how many remain?

5. Grace has four bank notes of the same value. She has £200. What is the value of each note? £ _____

6. A chef requires 8kg of oranges. How much money will be saved by ordering the cheaper variety? _____ p

Oranges	Oranges
69p per kg	73p per kg

7. Tom leaves home at 8 o'clock a.m. and returns at 5 o'clock p.m. For how many hours is he away from home? _____ h

8. Gulshan gives 68p to her sister. She has four 10ps and two 5ps left. How much had she at first? £ _____

9. Which of these numbers is a multiple of both 3 and 6?

   15   21   30   39

10. The distance round the triangle is 25cm. Two sides each measure 9cm. What is the length of the third side? _____ cm

A

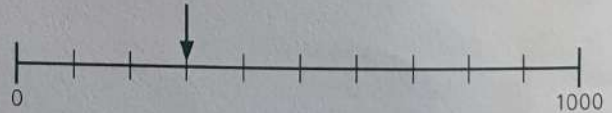|		Answer
1	50 tens + 8 units =	508
2	3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 =	24
3	$\frac{1}{4}$ of 1m = ☐ cm	25cm
4	£1.00 – 45p = ☐ p	55p
5	10 × 0 = 8 × ☐	0
6	489 + 20 =	509
7	$\frac{1}{2}$ kg = 850g – ☐ g	350g
8	1 = $\frac{1}{5}$ + ☐	$\frac{4}{5}$
9	How many days in August and September together?	61
10	85cm + ☐ cm = 1m	15cm

B

		Answer
1	5 more than 17 minus 8	14
2	Add the even numbers between 9 and 15.	36
3	How many 10ps are worth £2.70?	27 10ps
4	8 × 5 = 5 × ☐	8

5. What is the time 3 hours before the time on the clock? Use a.m. or p.m. — afternoon — **10 a.m.**

6. If 36 is divided by a number the answer is 9. What is the number? — **4**

7. Find the cost of five toothbrushes at 70p each. — **£3.50**

8. One-tenth of 460 — **46**

9. From 2m take 75cm. — **1m 25cm**

10. Find the difference between five 5ps and seven 2ps. — **11p**

C

		Answer
1	How many stickers are there in 12 packets, each containing 20 stickers?	240
2	Nyasha has 18p, which is $\frac{3}{4}$ of her money. How much is half of her money?	12p
3	A length of rope measures 1m 24cm. It is cut into two equal pieces. Find the length of each piece.	62cm
4	By how many grams is parcel B heavier than parcel A?	80g
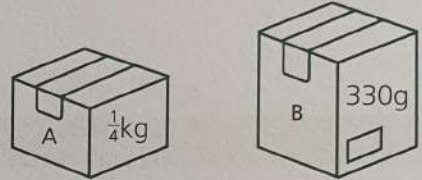
5. George's birthday is in October. Mia is 5 months older than George. In which month is her birthday? — **May**

6. How much more than £1.00 did Leah spend after paying for $1\frac{1}{2}$ kg of onions at 40p per $\frac{1}{2}$ kg? — **20p**

7. A bath, when full, holds 60l. It is $\frac{1}{4}$ full. How many more litres are required to fill it? — **45l**

8. What number is the arrow pointing to? — **300**
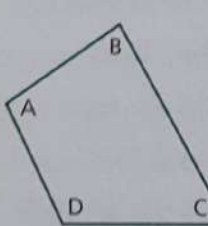
9. Maisy changes eighteen 1ps and six 2ps for 5ps. How many 5ps did she receive? — **6 5ps**

10. Which of these angles, A, B, C or D, is less than a right angle? — **C**

A
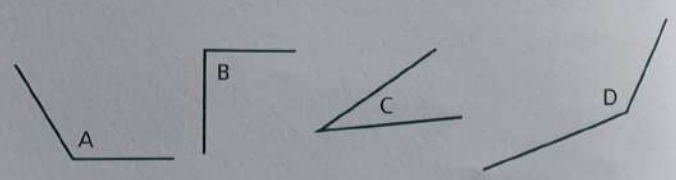
		Answer
1	$614 = \blacksquare$ tens 4 units	61 T
2	Half of $(15 - 7) =$	4
3	$130cm + 70cm = \blacksquare$ m	2m
4	$4\frac{3}{4} = \blacksquare$ quarters	19
5	$(6p \times 8) + 2p =$	50p
6	$1 - \frac{7}{10} = \blacksquare$	$\frac{3}{10}$
7	$24 \div 4 = 3 \times \blacksquare$	2
8	$£1.00 - 16p = \blacksquare$ p	84p
9	$630 - 50 =$	580
10	$1kg = \blacksquare$ g + 750g	250g

B

		Answer
1	What is the value of the digit underlined in the number 8$\underline{6}$3?	60
2	To 23p add 17p and 5p.	45p
3	Write the missing sign +, −, × or ÷ in place of the ●. 6 tens ● 8 units = 52	−
4	Decrease £1.35 by 29p.	£1.06
5	What is the missing number in this sequence? 48, 42, 36, 30, $\blacksquare$	24
6	By how many centimetres is 2m more than $\frac{1}{2}$m?	150cm
7	How many times can 5 be subtracted from 40?	8
8	Divide £0.48 by 8. Write the answer in pence.	6p
9	How many minutes in $2\frac{1}{2}$ hours?	150min
10	$3\overline{)12}$ $\blacksquare\blacksquare$	36

C

		Answer
1	A piece of tape measures 40cm. Find the length in metres of 10 pieces.	4m
2	Oscar practises his recorder for $\frac{3}{4}$ hour. He begins at quarter to twelve a.m. Write in words what time he finishes, using a.m. or p.m.	twelve thirty p.m. (or half past twelve p.m.)
3	How many yoghurts are bought for £6.00?	24

> **Yoghurts**
> 6 for £1.50

		Answer
4	A side of a square measures $9\frac{1}{2}$ cm. Find the total length of its sides.	38cm
5	1l of water has a mass of 1kg. What is the mass in grams of $\frac{1}{2}$ litre of water?	500g
6	£2.38 has the same value as £2, three 10ps and some 2ps. How many 2ps?	4 2ps
7	Ahmed measures his folder, which is 50cm long. How many folders measure 7m?	14
8	A sum of money is divided into two parts. One part is worth 7p and the other is worth three times as much. What is the sum of money?	28p
9	The mass of each of three parcels is 420g, $\frac{1}{4}$kg and 390g. By how many grams is the heaviest parcel greater than the lightest?	170g
10	Which of the angles A, B, C, D in this shape are greater than a right angle?	A, D

A Write in words the number shown on each abacus.

four hundred and sixty-two

two hundred and eighty
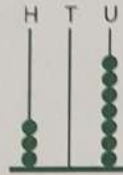
three hundred and seven
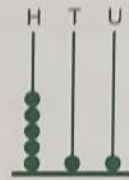
five hundred and eleven

B Write these numbers in digits.

five hundred	500
one hundred and sixty-three	163
four hundred and thirteen	413
nine hundred and forty	940
three hundred and five	305
two hundred and eighty-nine	289
eight hundred and twenty-four	824
one hundred and two	102
seven hundred and seventy	770
one thousand	1000

C

$400 + 60 + 3 =$	463
$700 + 80 =$	780
$600 + 1 =$	601
$300 + 10 + 9 =$	319
$500 + 20 =$	520
$100 + 16 =$	116
$379 =$ ☐ tens 9 units	37 T
$404 =$ ☐ tens 4 units	40 T
$230 = 2$ hundreds ☐ units	30 U
$865 = 8$ hundreds ☐ units	65 U

D Addition

$7 + 2 =$	9	$16 + 3 =$	19
$5 + 5 =$	10	$2 + 18 =$	20
$3 + 6 =$	9	$5 + 14 =$	19
$0 + 9 =$	9	$11 + 8 =$	19
$2 + 8 =$	10	$7 + 13 =$	20
$8 + 3 =$	11	$15 + 7 =$	22
$5 + 9 =$	14	$13 + 8 =$	21
$7 + 4 =$	11	$5 + 16 =$	21
$2 + 9 =$	11	$18 + 4 =$	22
$4 + 8 =$	12	$6 + 19 =$	25
$6 + 5 =$	11	$17 + 7 =$	24
$8 + 8 =$	16	$6 + 14 =$	20
$7 + 6 =$	13	$19 + 4 =$	23
$9 + 9 =$	18	$5 + 18 =$	23
$6 + 8 =$	14	$7 + 19 =$	26
$6 + 6 =$	12	$15 + 5 =$	20
$8 + 5 =$	13	$29 + 8 =$	37
$3 + 9 =$	12	$7 + 26 =$	33
$8 + 9 =$	17	$8 + 27 =$	35
$9 + 6 =$	15	$4 + 29 =$	33

E Subtraction

$9 - 5 =$	4	$17 - 4 =$	13
$7 - 3 =$	4	$19 - 6 =$	13
$8 - 0 =$	8	$18 - 5 =$	13
$10 - 4 =$	6	$14 - 10 =$	4
$10 - 7 =$	3	$16 - 6 =$	10
$12 - 3 =$	9	$21 - 2 =$	19
$14 - 5 =$	9	$22 - 5 =$	17
$11 - 7 =$	4	$24 - 7 =$	17
$13 - 9 =$	4	$25 - 6 =$	19
$17 - 9 =$	8	$26 - 9 =$	17
$16 - 8 =$	8	$24 - 6 =$	18
$13 - 5 =$	8	$25 - 9 =$	16
$14 - 9 =$	5	$22 - 7 =$	15
$13 - 6 =$	7	$21 - 6 =$	15
$14 - 8 =$	6	$25 - 7 =$	18
$17 - 8 =$	9	$21 - 8 =$	13
$18 - 9 =$	9	$32 - 9 =$	23
$15 - 8 =$	7	$31 - 4 =$	27
$16 - 7 =$	9	$34 - 5 =$	29
$13 - 8 =$	5	$33 - 7 =$	26

CHECK-UP TEST | Number

A Write the missing number in each of these sequences.

270, 370, 470, 570, ▪ _670_

403, 303, 203, 103, ▪ _3_

360, 370, 380, 390, ▪ _400_

135, 125, 115, 105, ▪ _95_

How many times larger is

100 than 10 _10_

1000 than 100 _10_

300 than 3 _100_

460 than 46? _10_

Write the value of the digits underlined.

7̲06 _700_

85̲0 _50_

6̲03 _600_

B Addition

$20 + 50 =$ _70_

$10 + 90 =$ _100_

$39 + 40 =$ _79_

$70 + 18 =$ _88_

$95 + 6 =$ _101_

$75 + 30 =$ _105_

$92 + 9 =$ _101_

$150 + 50 =$ _200_

$247 + 100 =$ _347_

$180 + 20 =$ _200_

$396 + 10 =$ _406_

$199 + 1 =$ _200_

$298 + 5 =$ _303_

$106 + 7 =$ _113_

$509 + 4 =$ _513_

C Subtraction

$60 - 40 =$ _20_

$80 - 50 =$ _30_

$47 - 10 =$ _37_

$99 - 30 =$ _69_

$87 - 17 =$ _70_

$32 - 12 =$ _20_

$74 - 4 =$ _70_

$112 - 10 =$ _102_

$208 - 100 =$ _108_

$460 - 60 =$ _400_

$103 - 6 =$ _97_

$300 - 7 =$ _293_

$201 - 10 =$ _191_

$500 - 40 =$ _460_

$310 - 5 =$ _305_

D Multiplication

$2 \times 6 =$ _12_

$7 \times 3 =$ _21_

$5 \times 4 =$ _20_

$8 \times 5 =$ _40_

$4 \times 6 =$ _24_

$3 \times 10 =$ _30_

$0 \times 3 =$ _0_

$1 \times 6 =$ _6_

$2 \times 5 =$ _10_

$10 \times 6 =$ _60_

$7 \times 5 =$ _35_

$4 \times 8 =$ _32_

$6 \times 8 =$ _48_

$9 \times 2 =$ _18_

$4 \times 9 =$ _36_

$(1 \times 5) + 3 =$ _8_

$(3 \times 4) + 2 =$ _14_

$(5 \times 5) + 2 =$ _27_

$(7 \times 10) + 6 =$ _76_

$(9 \times 3) + 2 =$ _29_

$(8 \times 6) + 5 =$ _53_

$(7 \times 4) + 2 =$ _30_

$(9 \times 8) + 4 =$ _76_

$(0 \times 10) + 5 =$ _5_

$(1 \times 8) + 4 =$ _12_

$(2 \times 4) + 3 =$ _11_

$(6 \times 3) + 2 =$ _20_

$(8 \times 2) + 1 =$ _17_

$(5 \times 6) + 4 =$ _34_

$(8 \times 8) + 5 =$ _69_

E Division

$12 \div 2 =$ _6_

$15 \div 5 =$ _3_

$50 \div 10 =$ _5_

$18 \div 3 =$ _6_

$40 \div 8 =$ _5_

$24 \div 4 =$ _6_

$0 \div 3 =$ _0_

$35 \div 5 =$ _7_

$56 \div 8 =$ _7_

$16 \div 2 =$ _8_

$32 \div 4 =$ _8_

$70 \div 10 =$ _7_

$0 \div 5 =$ _0_

$21 \div 3 =$ _7_

$48 \div 8 =$ _6_

$22 \div 2 =$ _11_

$32 \div 4 =$ _8_

$100 \div 10 =$ _10_

$60 \div 5 =$ _12_

$33 \div 3 =$ _11_

$96 \div 8 =$ _12_

$120 \div 10 =$ _12_

$8 \div 8 =$ _1_

$0 \div 3 =$ _0_

$48 \div 4 =$ _12_

$88 \div 8 =$ _11_

$110 \div 10 =$ _11_

$44 \div 4 =$ _11_

$10 \div 10 =$ _1_

$36 \div 3 =$ _12_

F Find the total of 9, 7, 4 and 2. _22_

29 minus 10 = _19_

8 times 3 = _24_

Increase 15 by 9. _24_

Divide 36 into 4 equal parts. _9_

What is the difference between 8 and 23? _15_

Find the product of 9 and 10. _90_

What number is added to 16 to make 25? _9_

By how many is 18 less than 26? _8_

What number when multiplied by 8 gives 56 as the answer? _7_

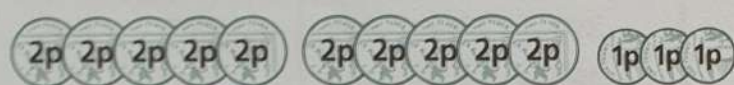# CHECK-UP TEST | Measurement

A

10p =
- 5ps _____ 2
- 2ps _____ 5

20p =
- 10ps _____ 2
- 5ps _____ 4
- 2ps _____ 10

50p =
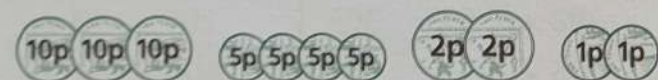- 10ps _____ 5
- 5ps _____ 10
- 2ps _____ 25

£1 =
- 50ps _____ 2
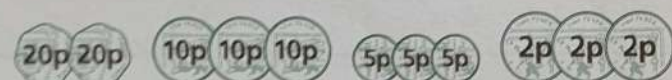- 20ps _____ 5
- 10ps _____ 10
- 5ps _____ 20
- 2ps _____ 50
- 1ps _____ 100

B Find the total value of the coins in each row.

2p 2p 2p 2p 2p   2p 2p 2p 2p 2p   1p 1p 1p _____ 23p

10p 10p 10p   5p 5p 5p 5p   2p 2p   1p 1p _____ 56p

20p 20p   10p 10p 10p   5p 5p 5p   2p 2p 2p _____ 91p

50p   20p   10p 10p   5p 5p _____ £1.00

seven 10ps	=	70p
eight 5ps	=	40p
twelve 2ps	=	24p
two 10ps and three 2ps	=	26p
four 2ps and 5p	=	13p
four 10ps and six 5ps	=	70p
one 50p and two 20ps	=	90p

C

| Find the change from a 10p after spending these amounts.		Find the change from a 20p after spending these amounts.		Find the change from a 50p after spending these amounts.		Find the change from £1 after spending these amounts.	
4p	6p	16p	4p	44p	6p	93p	7p
8p	2p	12p	8p	38p	12p	85p	15p
6p	4p	14p	6p	22p	28p	78p	22p
2p	8p	18p	2p	19p	31p	61p	39p
5p	5p	15p	5p	36p	14p	54p	46p
3p	7p	11p	9p	25p	25p	42p	58p
1p	9p	7p	13p	14p	36p	36p	64p
7p	3p	3p	17p	9p	41p	19p	81p

D Write the missing number of coins.

six 2ps and three 1ps = ▢ 5ps _____ 3

two 10ps and five 2ps = ▢ 5ps _____ 6

one 50p and three 10ps = ▢ 20ps _____ 4

one 50p and two 20ps = ▢ 10ps _____ 9

£1 is worth

four 20ps and ▢ 10ps _____ 2

one 50p and ▢ 10ps _____ 5

one 50p, one 20p and ▢ 10ps _____ 3

one 50p, two 20ps and ▢ 5ps _____ 2