

# PROCEDURAL

## 4EP15

First name \_\_\_\_\_

Last name \_\_\_\_\_

School \_\_\_\_\_

Class \_\_\_\_\_

Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2015

Total score  (maximum 35)



128913



Llywodraeth Cymru  
Welsh Government

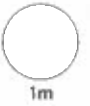
1 Three number cards:



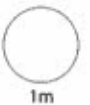
Use all three cards to make the **largest** number possible.



Use **two** cards to make the number that is **nearest** to 50



1m



1m

2

$$75 + 40 + 25 =$$

$$75 - 40 + 25 =$$

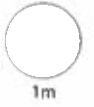


1m



1m

3 Find  $\frac{1}{3}$  of 27



4 Draw a line to join 20:07 to the correct time.

20 minutes to 7  
in the morning

7 minutes past 10  
in the evening

20:07

7 minutes past 8  
in the evening

20 minutes past 7  
in the evening



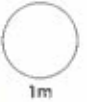
A film starts at **quarter to seven** in the evening.

Show this time on the digital clock below.

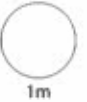


5 On a pictogram,  stands for 4 children.

How many children does  stand for?

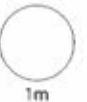


How many children does  stand for?



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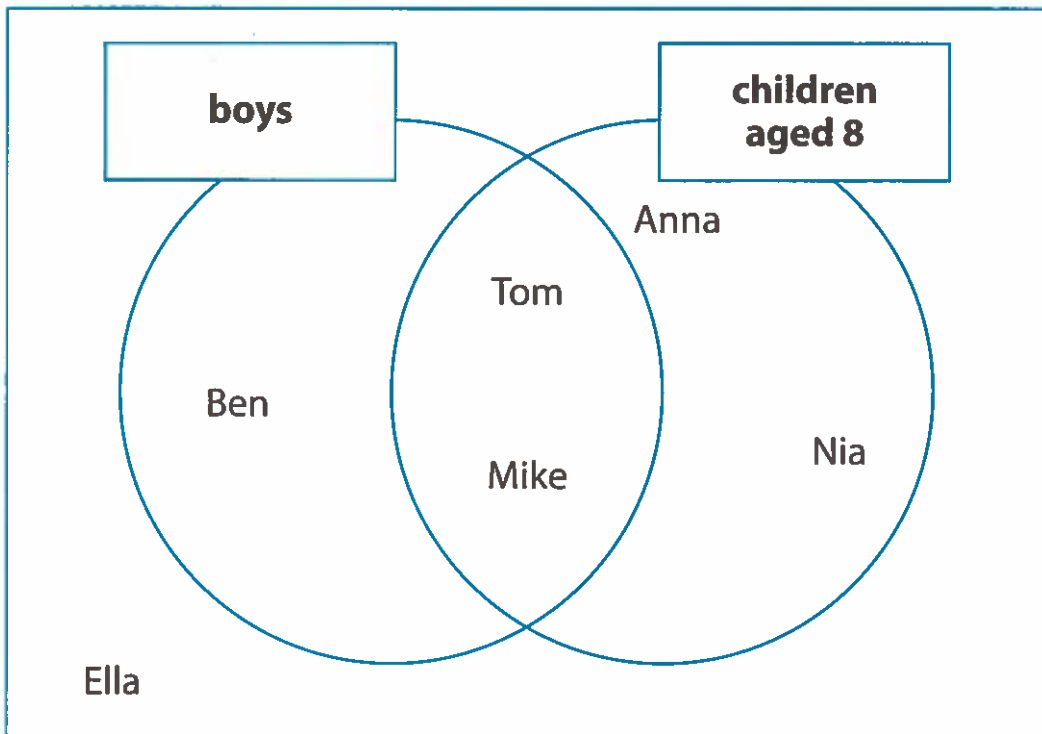
6  $283 + 58 =$



$231 - 64 =$



7 6 children are put into sets.



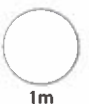
Write the names of the children who are **not** aged 8.



8 5 boxes of apples

24 apples in each box

How many apples altogether?



TOTAL

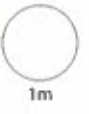


9 Round to the nearest 10

429                      278

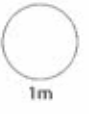
↓                              ↓

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Use your answers to **estimate** the difference between 429 and 278

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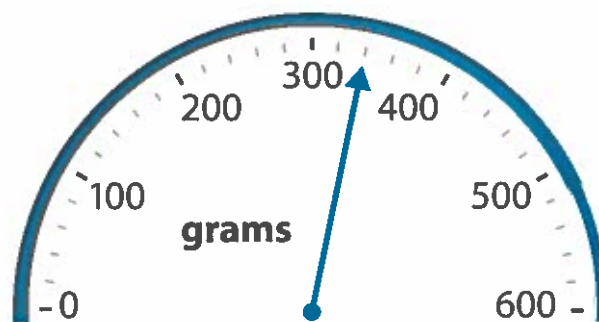


Now work out the **exact** difference between £4.29 and £2.78

£
---



10



How many grams does the arrow show?

--

grams



11 Here is part of a calendar.

January						
Sunday		3	10	17	24	31
Monday		4	11	18	25	
Tuesday		5	12	19	26	
Wednesday		6	13	20	27	
Thursday		7	14	21	28	
Friday	1	8	15	22	29	
Saturday	2	9	16	23	30	

School starts on the first **Tuesday** in January.

On what **date** does school start?



Dan goes swimming every **Saturday** and **Sunday**.

How many times does he go swimming in January?



12 Circle the **coldest** temperature.

2°C

-5°C

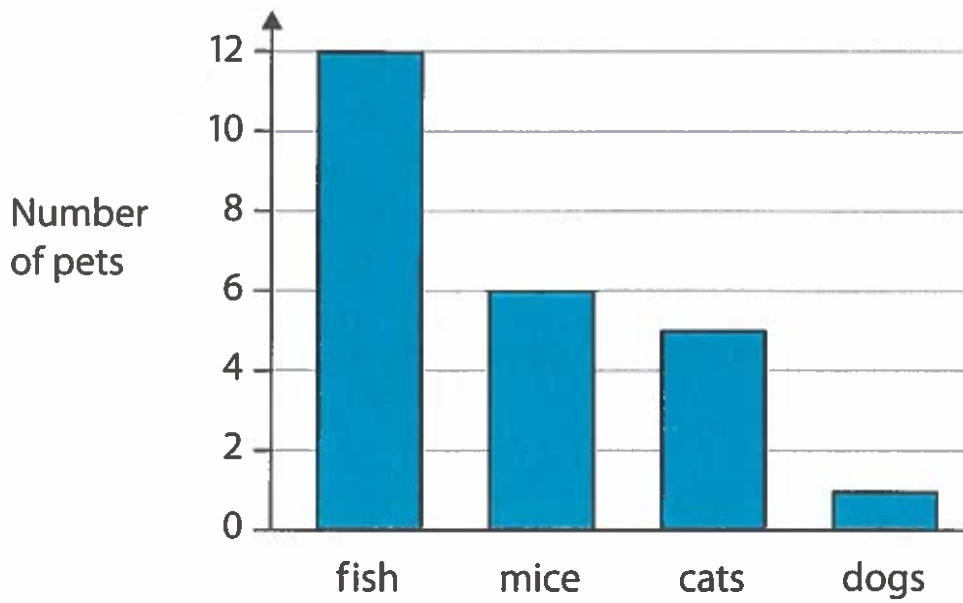
0°C

-8°C

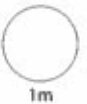


13

Number of pets Megan has



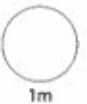
How many cats does she have?



Complete this sentence:

She has twice as many

as



What **fraction** of her pets are **fish**?

Circle your answer.

$\frac{1}{5}$

$\frac{1}{4}$

$\frac{1}{3}$

$\frac{1}{2}$

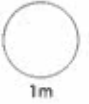




14

$$78 \div 6 = \boxed{\phantom{00}}$$

$$78 \div \boxed{\phantom{00}} = 6$$



15 Plants are sold in trays of 10



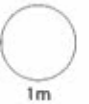
How many plants in 20 trays?

plants

A garden centre needs 300 plants.

How many trays does it need?

trays



16 Write in order.

20cm

2cm 5mm

29mm

shortest

longest



1m

17 Work out the missing amount.

$$£6.58 + 77p + \textcircled{?} = £10$$



£

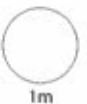


2m

18 1 lap in a race is 400 metres.

How many laps are 2000 metres?

laps



1m

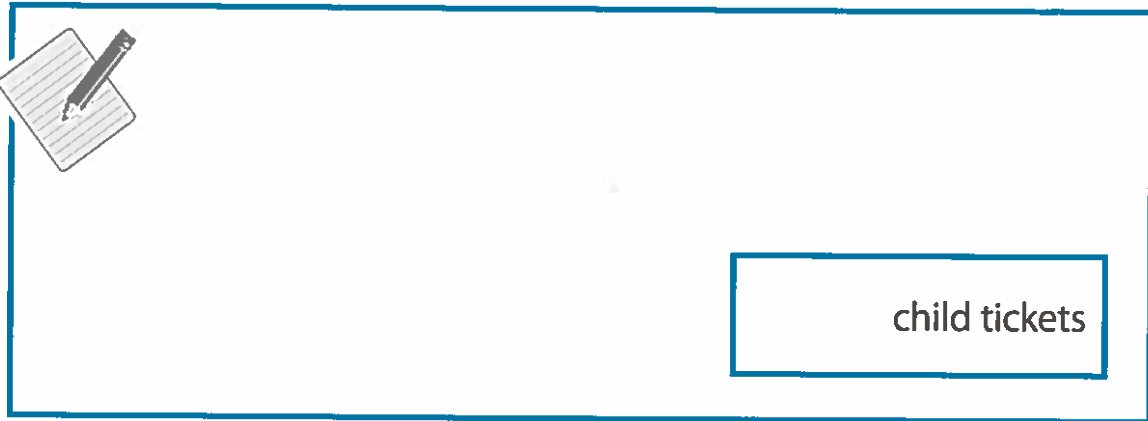
19

Tickets	
<b>adult</b>	<b>£1.50</b>
<b>child</b>	<b>£1.20</b>

Mr Jones spends £9.00 on train tickets.

He gets 2 **adult** tickets and some child tickets.

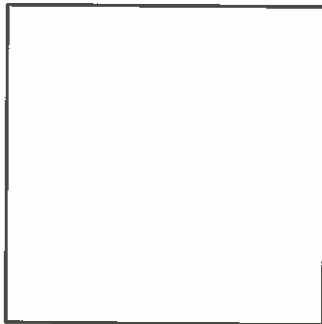
How many **child** tickets does he get?



child tickets

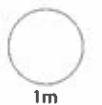


20 This square has a perimeter of 24cm.



Do **not** use a ruler!  
It is not full size.

Work out the length of the side of the square.



TOTAL

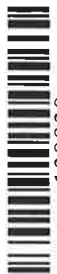


**National Numeracy Tests**

**PROCEDURAL**

**4EP15MS**

**Markscheme**



128929



Llywodraeth Cymru  
Welsh Government

## 4EP15 Procedural test: Markscheme

Q	Marks	Answer	Comments
1i	1m	<input type="text" value="7"/> <input type="text" value="5"/> <input type="text" value="4"/>	
1ii	1m	<input type="text" value="4"/> <input type="text" value="7"/>	
2i	1m	140	
2ii	1m	60	
3	1m	9	
4i	1m	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">20 minutes to 7 in the morning.</div> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">7 minutes past 10 in the evening</div> </div> <div style="text-align: center; margin: 10px 0;"> <div style="border: 1px solid black; padding: 5px; display: inline-block; font-family: monospace; font-size: 1.2em;">20:07</div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">7 minutes past 8 in the evening</div> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">20 minutes past 7 in the evening</div> </div>	Accept any unambiguous indication, e.g. ticking
4ii	1m	18:45	Accept 18:45pm or 6.45pm, but not 18:45am
5i	1m	12 children	
5ii	1m	6 children	
6i	1m	341	
6ii	1m	167	
7	2m	Ben <b>and</b> Ella	Accept answers in either order
	<b>Or</b> 1m	Ben only Or Ella only Or Ben and Ella with not more than one incorrect answer	Example for 1m: Ben, Ella and Mike (incorrect)
8	1m	120 apples	

Q	Marks	Answer	Comments
9i	1m	430 then 280	Both required for the mark
9ii	1m	150	Allow follow through provided their answers to 9i are multiples of 10, e.g. from answers of 420 and 250 in 9i, accept 170
9iii	1m	£1.51	
10	1m	340 grams	Accept 338 grams to 342 grams inclusive
11i	1m	5 January or 5 <sup>th</sup> January	Accept any unambiguous indication, e.g. circling the date on the calendar
11ii	1m	10 times	
12	1m	2°C   -5°C   0°C   (-8°C)	
13i	1m	5 cats	
13ii	1m	fish then mice	Both required for the mark
13iii	1m	$\frac{1}{5}$ $\frac{1}{4}$ $\frac{1}{3}$ ( $\frac{1}{2}$ )	
14i	1m	13	
14ii	1m	$78 \div 13 = 6$	Allow follow through, e.g. from an answer of 12 in 14i, accept $78 \div 12 = 6$
15i	1m	200 plants	
15ii	1m	30 trays	

Q	Marks	Answer	Comments
16	1m	2cm 5mm, 29mm, 20cm	
17	2m	£2.65	
	<b>Or 1m</b>	Shows 265 Or Shows 7.35 or 735 Or Incorrect answer, but shows a method that would lead to £2.65 if calculated correctly, with not more than one numerical error	
18	1m	5 laps	
19	2m	5 child tickets	
	<b>Or 1m</b>	Shows 6 or 600 which is the amount left for child tickets	
20	1m	6cm	