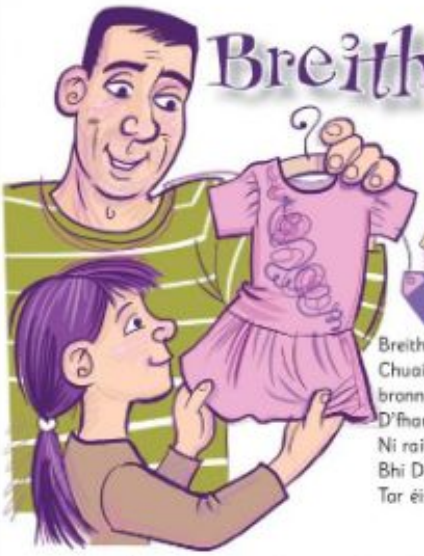
Breithlá Sophie



Breithlá Sophie a bhí ann.
Chuaigh Daidí agus Órla go dtí an t-ionad siopadóireachta chun bronntanas a cheannach di.
D'fhan Mamaí agus Sophie sa bhaile.
Ní raibh a fhios ag Sophie cad a bhí ar siúl.
Bhí Daidí agus Órla ag dul isteach is amach sna siopaí.
Tar éis tamaill chonaic Daidí gúna deas. Cheannaigh sé é.

Ansin chuaigh siad isteach sa siopa bréagán.
Cheannaigh Órla bloicíní tógála agus márla ann.

Nuair a chuaigh siad abhaile, thug siad na bronntanais do Sophie.
Bhí sceitimíní áthais uirthi.
Lá álainn a bhí ann.

CEISTEANNA

1 **Cén lá a bhí ann?** *(What day was it?)*
2 **Cá ndeachaigh Daidí agus Órla?** *(Where did Daddy and Órla go?)*
3 **Céard a cheannaigh Daidí?** *(What did Daddy buy?)*
4 **Céard a cheannaigh Órla?** *(What did Órla buy?)*
5 **Cad a rinne siad nuair a chuaigh siad abhaile?** *(What did they do when they went home?)*

FOCLÓIR

siopa bréagán *toy shop*
bloicíní tógála *building blocks*
sceitimíní áthais *delight*

Fógra

Ba mhaith liom grúpa ceoil a thosú!
Tá giotár agamsa.
An bhfuil drumaí nó méarchlár ag aon duine?
An féidir leat canadh?
Má tá suim agat, cuir glaoch orm!

Is breá liom gach saghas ceoil!
Is maith liom popcheol agus ceol traidisiúnta, ach is é an rac-cheol is fearr liom!
Seinnim an giotár agus méarchlár.
Tá garáiste mór agam agus tá cead agam é a úsáid.
Má tá suim agat grúpa ceoil a thosú, cuir glaoch orm!

Ainm: Marty
Fón: 567890

CEISTEANNA

1. **Cad is ainm don bhuachaill a chroch suas an fógra?** *(What is the name of the boy who hung up the notice?)*
2. **Céard ba mhaith leis a thosú?** *(What would he like to start?)*
3. **Cén sórt ceoil is maith le Marty?** *(What sort of music does Marty like?)*
4. **An seinneann sé aon uirlis cheoil?** *(Does he play any musical instrument?)*
5. **An bhfuil cead aige an garáiste a úsáid?** *(Does he have permission to use the garage?)*

FOCLÓIR

grúpa ceoil *music group*
a thosú *to start*
méarchlár *keyboard*
suim *interest*

Chapter 32: Capacity

We use **litres (l)** and **millilitres (ml)** to measure the capacity of containers. Capacity means the amount a container can hold.

1. Circle what you think is the best estimate of the capacity of each of these containers.

Remember: 1,000ml = 1l Remember: 1ml = 0·001l

Approximate capacity of:			
(a) A tablespoon	5ml	15ml	30ml
(b) A large soft drink bottle	100ml	2l	8l
(c) A garden bucket	10l	10ml	1,000ml
(d) A bottle of fabric conditioner	25ml	250ml	$2\frac{1}{2}$l
(e) An orange juice carton	1l	10ml	40ml
(f) The fuel tank of a mid-range car	2l	70l	240l
(g) An attic water tank	100l	3,000l	500l

2. A bottle of vinegar holds 250ml. How much vinegar will five bottles hold?
(a) ____ml or (b) ____l and ____ml

3. 
A garage showroom has five new cars on display. 20 litres of fuel are poured in equal quantities into the fuel tanks of these cars. How much fuel is poured into each fuel tank? ____l

Maths Fact Your salivary glands produce about 1·5 litres of fluid in your mouth every day. About how many days would it take you to produce 30 litres of fluid? ____

Challenge

(a) How many of the small bottles are needed to hold the same amount as three of the large bottles? ____

(b) A large bottle of paint costs €2·36. A small bottle costs €1·47. How much altogether for 3 large and 2 small bottles of paint? € ____

(c) How much altogether for 2 large and 3 small bottles of paint? € ____

STRAND **Measures** STRAND UNIT/ELEMENT Capacity
LANGUAGE Capacity, container, litre, millilitre, estimate, measure, fractions, decimals, graduated/jugs, addition, subtraction, multiplication, division, change, identical

Litres and millilitres

Remember: $1ml = \frac{1}{1000}l = 0{\cdot}001l$

$468ml = \frac{468}{1000}l = 0{\cdot}468l$ | $79ml = \frac{79}{1000}l = 0{\cdot}079l$ | $3ml = \frac{3}{1000}l = 0{\cdot}003l$

1. Write these **millilitres** as **litres** in fraction and in decimal form.

$7ml = \frac{7}{1000}l = 0{\cdot}007l$

(a) 5ml = ____ = ____ (b) 18ml = ____ = ____

(c) 2ml = ____ = ____ (d) 75ml = ____ = ____ (e) 146ml = ____ = ____

(f) 420ml = ____ = ____ (g) 902ml = ____ = ____ (h) 700ml = ____ = ____

2. Now write these **litre** measures as **millilitres.** (First write them as fractions of a litre.)

$0{\cdot}009l = \frac{9}{1000}l = 9ml$

(a) 0·003l = ____ = ____ (b) 0·051l = ____ = ____

(c) 0·004l = ____ = ____ (d) 0·267l = ____ = ____ (e) $0{\cdot}03l = \frac{3}{100}l =$ ____

(f) 0·680l = ____ = ____ (g) 0·104l = ____ = ____ (h) 0·92l = ____ = ____

Remember: The metric system is quite easy when we use decimal places. →

l = 5,269ml

6,149ml → 6·149l | 5,039ml → 5·039l | 7,004ml → 7·004l

2·235l → 2,235ml | 6·095l → 6,095ml | 4·008l → 4,008ml

3. Change these **litre** measures to **millilitres.**

3·472l = 3,472ml

(a) 4·159l = ____ ml (b) 5·75l = ____ ml

(c) 6·258l = ____ ml (d) 25·703l = ____ ml (e) 16·03l = ____ ml

(f) 7·372l = ____ ml (g) 9·29l = ____ ml (h) 2·2l = ____ ml

4. Now write these **millilitres** as **litres.**

4,809ml = 4·809l

(a) 3,561ml = ____ l (b) 4,247ml = ____ l

(c) 8,420ml = ____ l (d) 2,049ml = ____ l (e) 6,070ml = ____ l

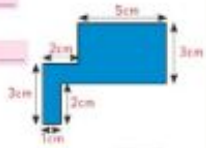
(f) 319ml = ____ l (g) 53ml = ____ l (h) 2,264ml = ____ l

Maths Fact 9,100 litres of water can be stored by a large Saguaro Cactus. For how many weeks would the water of this Saguaro Cactus last if 25 litres were drained off each day? ____

Week 22

Monday

1. $\frac{1}{20}$ = ____ %
2. 5% of 40 = ____
3. Find the area of this shape. ____



4. Find the perimeter of the shape. ____
5. Which of these is a square number: 34, 35 or 36? ____
6. 

Calculate the missing angle. ____°
7. Turn this shape 180° and draw.

8. Write $9\frac{3}{4}$ as an improper fraction. ____
9. 935 ÷ 3 = ____ R ____
10. Draw the lines of symmetry on the rhombus.

11. 234 ÷ 10 = ____
12. 23,003 + 10,635 = ____
13. 6,420g − 2,310g = ____ kg
14. 3·150km × 5 = ____
15. Which is nearer to 60,000: 71,200 or 53,800? ____
16. A car can travel 25km on one litre of diesel. What is the cost of diesel for a 250km journey at €1·45 per litre? ____
17. If a lotto prize of €15,000 was shared equally among ten people, how much did each get? ____
18. If a family ate $\frac{3}{8}$ of a shepherd's pie every day, how much would they eat in a week? ____

/18

Tuesday

1. Increase €440 by 30%. ____
2. Put these in order of size, starting with the smallest: 0·6, $\frac{3}{4}$, 55%.
____, ____, ____
3. Write 0·048 as a fraction. ____
4. 61 0·954
____
5. 34 × 20 = ____
6. $\frac{4}{9} \times 6$ = ____
7. $6\frac{1}{4} - 2\frac{7}{12}$ = ____
8. A parallelogram has ____ lines of symmetry.

9. $\frac{7}{20}$ = ____ %
10. 61,735 − 8,000 = ____
11. 63 − 28 ÷ 4 = ____
12. A sphere has ____ face(s).

13. Double 9·3. ____
14.

hrs	mins
5	26
− 1	48

15. $\frac{8}{10} = \frac{?}{100}$ = ____ %

Boy A = 30kg	Boy B = 35kg
Boy C = 45kg	Boy D = ?kg

16. If the average weight of the four boys is 40kg, what is their total weight? ____
17. What is the weight of Boy D? ____
18. If Boy D weighed 34kg, what would the average weight of the four boys be then? ____

/18

Wednesday

1. Turn this shape 90° anticlockwise and draw.

2. 86,402
   − 57,315

3. Write the number negative 2.

4. Name the triangle.

5. $\frac{3}{20}$ = ____ %

6. 367 ÷ 10 = ____

7. Write $\frac{35}{12}$ as a mixed number. ____

8. $6\frac{2}{3} - 2\frac{2}{4}$ = ____

9. $\frac{7}{8} \times 4$ = ____

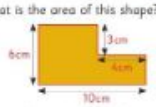
10. What is the value of 6 in 5·62? ____

11. Write 3·259 as a fraction. ____

12. **20:46** Write the time 20 minutes later than the time shown. ____ : ____

13. Is 15 a composite number? ____

14. What is the area of this shape? ____



15. What is the perimeter of the square? ____

16. How many bags of sugar weighing 500g can be filled from a box that holds 3·5kg? ____

17. 

A jug holds 1·345 litres. What is the total capacity of five jugs? ____

18. If I spent 0·15 of my money in one shop and $\frac{2}{5}$ of it in another shop, what percentage of my money had I left? ____

/18

Thursday

1. $\frac{4}{20}$ = ____ %

There are 6 **red** marbles, 4 **green** marbles, 2 **blue** marbles and 3 **yellow** marbles in a bag.

2. What are the chances of picking a **green** marble? ____ in ____

3. What are the chances of picking a **red** or **blue** marble? ____ in ____

4. What are the chances of picking an **orange** marble? ____ in ____

5. Complete the sequence.
   84, 77, 70, 63, ____

6. c + 28 = 48, so c = ____

7. 9cm 3mm − 72mm = ____

8. Decrease €970 by 40%. ____

9. $5\frac{7}{10}$ km = ____ m

10. **hrs mins**
    2 24
    × 6
    ____

11. Put in order of size, starting with the smallest: $\frac{4}{10}$, $\frac{3}{5}$, 0·5. ____, ____, ____

12. 1·250 × 3 = ____

13. Write 0·076 as a fraction. ____

14. $5\frac{7}{10} - 1\frac{1}{5}$ = ____

15. 2·87 × 10 = ____

The Kelly family are going on holidays abroad and have a baggage allowance of 40kg.

16. If they have two bags packed weighing 15·6kg and 12kg 48g, how much more are they allowed to bring? ____

17. If they decided to bring this remaining amount in two bags of equal weight, how much would each bag weigh? ____

18. The family are bringing four bags. If they had divided the weight evenly between the four bags, how much would have been in each bag? ____

/18

See page 87 for test.