ST. PATRICK'S GIRLS NATIONAL SCHOOL
GARDINER'S HILL, CORK

June Week beginning 15/06 Subject: **MATHS GROUP**
Ms. O Sullivan and Ms. Browne 5th class SEN Teachers: Ms. Daly

Work below is to be carried out over a week. Uncompleted work can carry on to the following week.

<table>
<tr>
<td rowspan="2">week 12

15/06</td>
<td rowspan="2"><u>Multiplication</u>

Revise multiplication facts each day for at least 10 minutes. This link has a variety of games to play to help revise.

https://www.scoilnet.ie/learning-path/ref/15176/

https://www.topmarks.co.uk/maths-games/hit-the-button

Worksheet 1 (a) Revision of multiplication – Word Problems</td>
<td>Worksheet 2 The Circle

Read the definition of diameter and radius</td>
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<td>Worksheet 3 Time part 2

Work out what time something started at using the ENL.
Click on the video link.

Worksheet 3 (A)
Worksheet 3 (B)

Click on the link to learn about time:
https://youtu.be/hG8pjQTrxT4</td>
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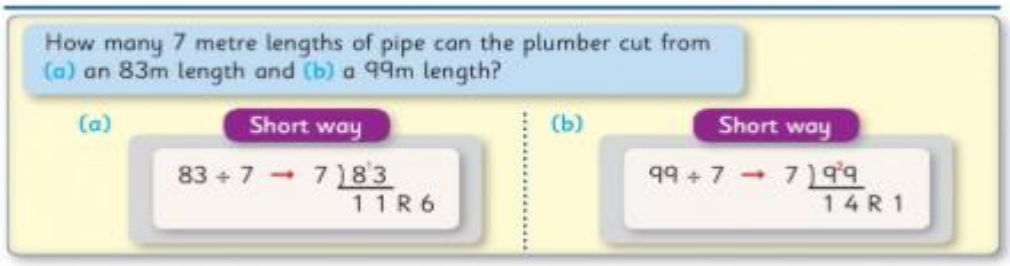
<td colspan="2">Worksheet 4 Revision of Division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WORKSHEET 1 (b) LONG MULTIPLICATION Word Problems
(Use your calculator to check the answers)

3 digit x 2 -digit

- Start with the 908 x 49, remember to carry the tens
- Write down '0' on the second line- while you are multiplying by 4, this '0' means you are really multiplying by 40
- Also remember that anything multiplied by Zero is Zero e.g. 4x0 =0

$$\begin{array}{r} 908 \\ \times \quad 49 \\ \hline 8{,}172 \\ +\,36{,}320 \\ \hline 44{,}492 \end{array}$$

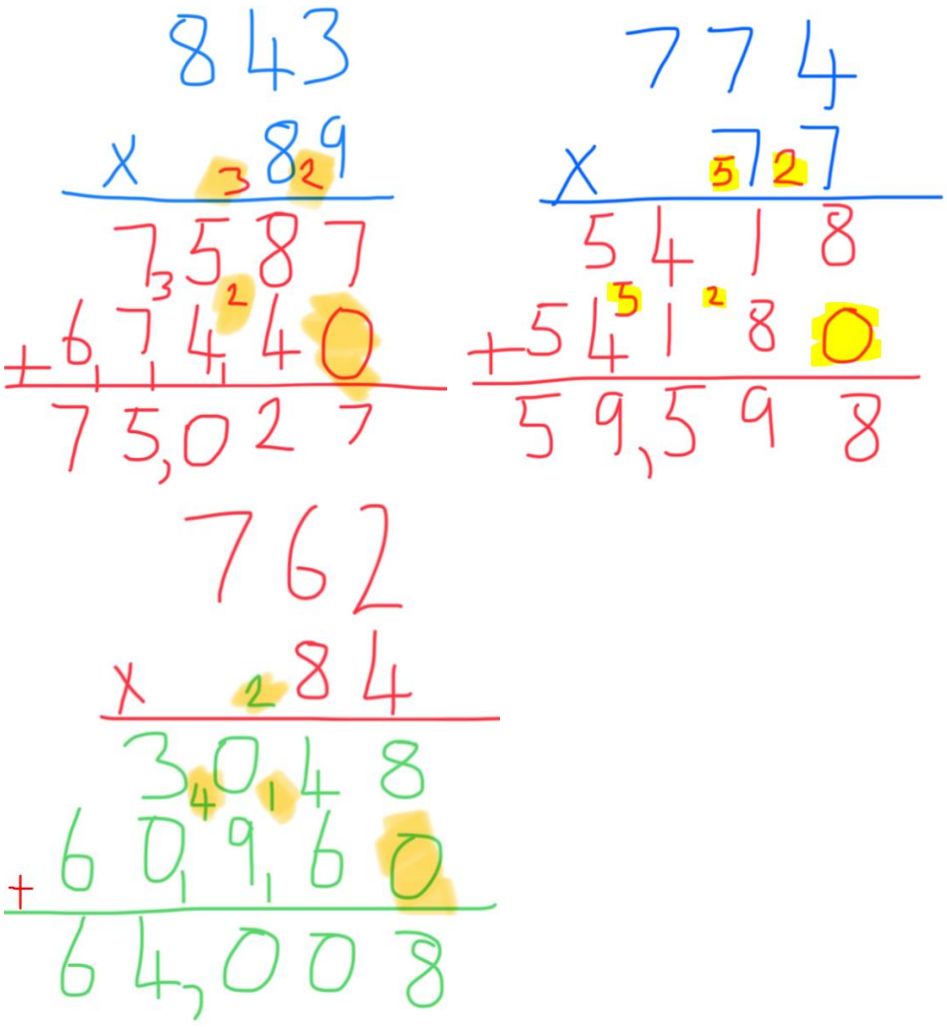
Solve each problem.

1) A vat of orange juice contains the juice from 843 oranges. If a company has 89 vats, how many oranges would they use to fill them all?

2) A mail sorting machine can sort 774 pieces of mail an hour. If it ran for 77 hour, how many pieces of mail would it have sorted?

3) A farmer has 762 rows of corn. If he can get 84 ears of corn from each row, how many ears of corn would he have total?

ANSWERS WORKSHEET 1 (b) LONG MULTIPLICATION Word Problems



Practise reading the large numbers out loud! Remember the rules from place value houses.

Worksheet 2 The Circle

7 The Circle

4 Explore the circle.

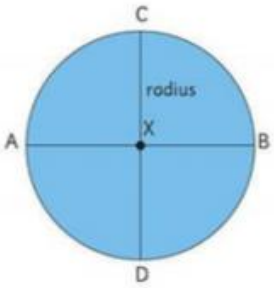
(a) Cut out a circle and fold it in half.

(b) Draw a line along the fold, and mark A and B at either end. The line AB is called the **diameter** of the circle. What does 'diameter' mean?

(c) Fold the circle into quarters. Mark the centre point (where the two fold lines intersect) as X.

(d) Draw a line along the second fold and mark C and D at either end. Look at the line segments XA, XB, XC and XD; each of these lines is called the **radius**. What does 'radius' mean?

The plural for radius is radii.



Create activity

Answers Worksheet 2

The **diameter** is a line that goes through the centre point of a circle and cuts the circle into two halves.

The **radius** is a line from the centre point of a circle to the circumference.

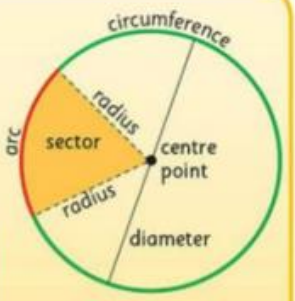
If the diameter of the circle in Question 4 above is 10 cm, what is the length of the radius (the line segment XC)?

The **circumference** of a circle is its perimeter.

An **arc** is a part of the circumference.

A **sector** is part of a circle made by two radii and an arc.

What circular Italian food is usually ordered according to its diameter?



WORKSHEET 4 Division

Try these and then use your calculator to work out the answer

How many 7 metre lengths of pipe can the plumber cut from (a) an 83m length and (b) a 99m length?

(a) Short way

$83 \div 7 \rightarrow 7\overline{)83}$

11 R 6

(b) Short way

$99 \div 7 \rightarrow 7\overline{)99}$

14 R 1

2. Use the short way to complete these.

(a) $86 \div 3 =$ ____ R ____ (b) $59 \div 4 =$ ____ R ____ (c) $77 \div 5 =$ ____ R ____

(d) $97 \div 3 =$ ____ R ____ (e) $63 \div 4 =$ ____ R ____ (f) $81 \div 5 =$ ____ R ____

(g) $\frac{81}{2} =$ ____ R ____ (h) $5\overline{)79} =$ ____ R ____ (i) $6\overline{)95} =$ ____ R ____

(j) $4\overline{)70} =$ ____ R ____ (k) $\frac{94}{8} =$ ____ R ____ (l) $94 \div 6 =$ ____ R ____

3. 

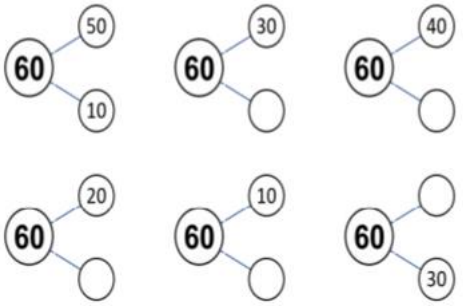
A pharmacist is measuring out 5ml spoonfuls from a bottle holding 97ml. How many spoonfuls can he measure? ____ R ____

Worksheet 3 TIME -What time was it earlier?

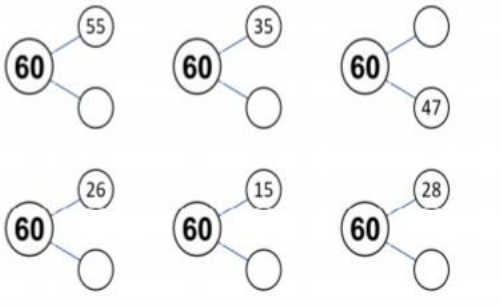
Revise BONDS TO 60

BONDS TO 60

Remember there are 60 minutes in an hour so it is very important to know what numbers go together to make 60.



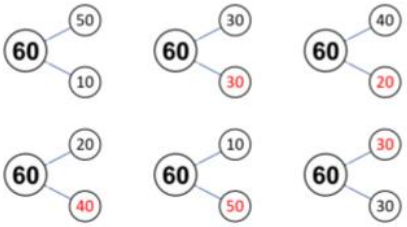
HINT: If you're trying to work out what goes with 35...first of all try jumping t the next decade → + 5 to get to 40, then jump from 40 to 60 → +20. That's a total of 25 jumps so 35 + 25 makes 60

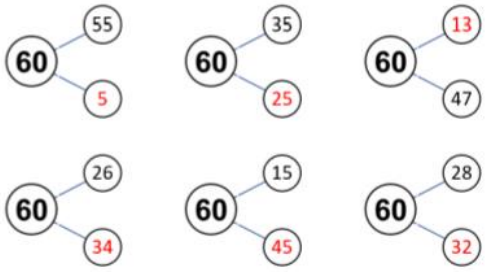


BONDS TO 60 – ANSWERS

ANSWERS BONDS TO 60

Remember there are 60 minutes in an hour so it is very important to know what numbers go together to make 60.





Worksheet 3 (A) Answers **TIME -What time was it earlier?**

What time is it now?

A) If Joe returns home at 10: 30 am and was gone for 2 hours 30 minutes, what time did he leave home at?

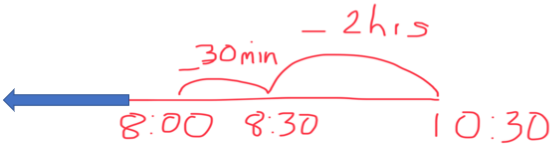
The answer is 8:00am

B) Tina goes for a walk that lasts one hour and a half (30 minutes). She returns home at 4:00pm What time did she leave the house at?

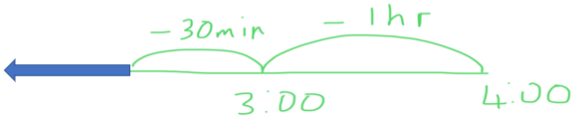
The answer is 2:30 pm

REMEMBER WHEN SUBTRACTING ON THE ENL START AT THE END AND JUMP BACKWARDS

- 10: 30 – 2hrs 30 minutes

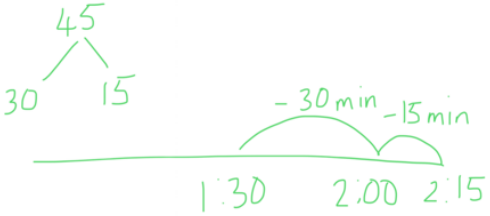


- 4:00 pm – 1hr 30 minutes



What time is it now?

A) If I'm back from at 2:15p.m and I ran for 45 minutes, what time did I leave home?



- REMEMBER TO JUMP to easy places, like the O' clock or half past when you can!
- To do this split your jumps up to help you. Remember the bonds to 60. If it is 10:15am, 15 minutes earlier it was 10:00 am

What time is it now?

- TRY THESE:
  Use the empty number line to help you.

A) If Sue finished reading her book at 7:10 pm and she read for 40 minutes, what time did she start reading at?

B) If Edel spent 1 hour and 10 minutes writing a story what time did she start if she finished at 11:40 am?

WORKSHEET 3 (B)

What time was it earlier?

• TRY THESE:

1) 5:35 - 2 hours and 50 minutes =

2) 7:05 - 2 hours and 50 minutes =

3) 3:40 - 1 hour and 50 minutes = _

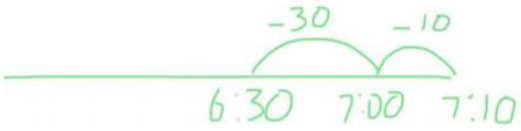
USE THE Empty number line to help you.

ANSWERS WORKSHEET 3 (A)

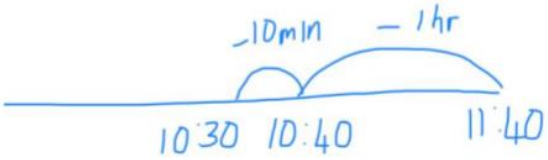
What time is it now?

- ANSWERS

A) If Sue finished reading her book at 7:10 pm and she read for 40 minutes, what time did she start reading at?



B) If Edel spent 1 hour and 10 minutes writing a story what time did she start if she finished at 11:40 am?



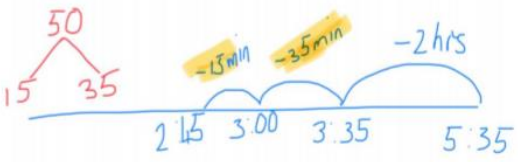
ANSWERS WORKSHEET 3 (B)

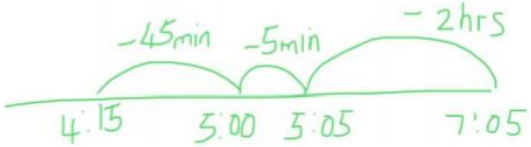
ANSWERS

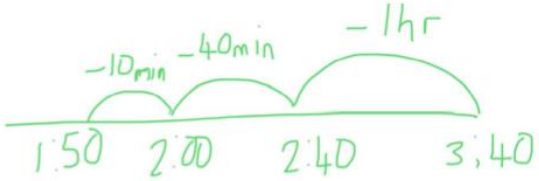
5:35 - 2 hours and 50 minutes = 2:45

7:05 - 2 hours and 50 minutes = 4:15

3:40 - 1 hour and 50 minutes = 1:50







ANSWERS WORKSHEET 4 Division

Use your calculator to double check!

2(a) $3\overline{)8^{2}6}$ → 28 r 2

Three into eight goes twice , remainder 2 (carry it). Three into 26 goes 8 times, total of 24 so remainder to get to 26 is 2. Final answer 28 remainder 2

(b) $4\overline{)5^{1}9}$ → 14 r 3

(c) $5\overline{)7^{2}7}$ → 15 r 2

(d) $3\overline{)97}$ → 32 r 1

(e) $4\overline{)6^{2}3}$ → 15 r 3

(f) $5\overline{)8^{3}1}$ → 16 r 1

(g) $2\overline{)81}$ → 40 r 1

(h) $5\overline{)7^{2}9}$ → 15 r 4

(i) $6\overline{)9^{3}5}$ → 15 r 5

(j) $4 \overline{)7\,{}^{3}0}$

17 r 2

(k) $8 \overline{)9\,{}^{1}4}$

11 r 6

(L) $6 \overline{)9\,{}^{3}4}$

15 r 4