

Junior  
Certificate  
School  
Programme



# Christmas Maths

Student Workbook



An Roinn Oideachais  
agus Scileanna  
Department of  
Education and Skills

**PDST**  
Professional Development  
Service for Teachers | An tSeirbhís um Fhorbairt  
Ghairmiúil do Mhúinteoirí



Junior  
Certificate  
School  
Programme



# Christmas Maths Workbook

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*Written by Mary Clare Higgins*

*Edited by Jerry McCarthy and Denise O'Flanagan, JCSP Advisors*



Fill in the dates for this year from a calendar

DECEMBER 20\_\_--

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

**Use your filled in calendar to help you answer the following questions**

1. On which day of the week is Christmas day this year? \_\_\_\_\_
2. On which day of the week is Christmas Eve this year? \_\_\_\_\_
3. On which day of the week is St. Stephen's Day this year? \_\_\_\_\_
4. On which day of the week is New Year's Eve this year? \_\_\_\_\_  
\_\_\_\_\_
5. What is the day and date exactly two weeks before Christmas Day?  
\_\_\_\_\_
6. What is the day and date two weeks and five days before Christmas Day? \_\_\_\_\_
7. What is the day and date eight days before Christmas day?  
\_\_\_\_\_
8. What is the day and date one week and three days before Christmas Day? \_\_\_\_\_
9. On what day of the week does Dec 8<sup>th</sup> fall? \_\_\_\_\_
10. What is the date of the Sunday after Christmas Day? \_\_\_\_\_
11. What is the day and date five days after Christmas Day?  
\_\_\_\_\_
12. What is the day and date one week after Christmas Day?  
\_\_\_\_\_

# THE TWELVE DAYS OF CHRISTMAS



On the first day of Christmas  
my true love sent to me:  
A Partridge in a Pear Tree

On the second day of  
Christmas  
my true love sent to me:  
Two Turtle Doves  
and a Partridge in a Pear Tree



On the third day of Christmas  
my true love sent to me:  
Three French Hens  
Two Turtle Doves  
and a Partridge in a Pear Tree



On the fourth day of Christmas  
my true love sent to me:  
Four Calling Birds  
Three French Hens  
Two Turtle Doves  
and a Partridge in a Pear Tree



On the fifth day of Christmas  
my true love sent to me:  
Five Golden Rings  
Four Calling Birds  
Three French Hens  
Two Turtle Doves  
and a Partridge in a Pear Tree



On the sixth day of Christmas  
my true love sent to me:  
Six Geese a Laying  
Five Golden Rings  
Four Calling Birds  
Three French Hens  
Two Turtle Doves  
and a Partridge in a Pear Tree



On the seventh day of  
Christmas  
my true love sent to me:  
Seven Swans a Swimming  
Six Geese a Laying  
Five Golden Rings  
Four Calling Birds  
Three French Hens  
Two Turtle Doves  
and a Partridge in a Pear Tree



On the eighth day of Christmas  
my true love sent to me:  
Eight Maids a Milking  
Seven Swans a Swimming  
Six Geese a Laying  
Five Golden Rings  
Four Calling Birds  
Three French Hens  
Two Turtle Doves  
and a Partridge in a Pear Tree

On the ninth day of Christmas  
my true love sent to me:  
Nine Ladies Dancing  
Eight Maids a Milking  
Seven Swans a Swimming  
Six Geese a Laying  
Five Golden Rings  
Four Calling Birds  
Three French Hens  
Two Turtle Doves  
and a Partridge in a Pear Tree

On the tenth day of Christmas  
my true love sent to me:  
Ten Lords a Leaping  
Nine Ladies Dancing  
Eight Maids a Milking  
Seven Swans a Swimming  
Six Geese a Laying  
Five Golden Rings  
Four Calling Birds  
Three French Hens  
Two Turtle Doves  
and a Partridge in a Pear Tree

On the eleventh day of  
Christmas  
my true love sent to me:  
Eleven Pipers Piping  
Ten Lords a Leaping  
Nine Ladies Dancing  
Eight Maids a Milking  
Seven Swans a Swimming  
Six Geese a Laying  
Five Golden Rings  
Four Calling Birds  
Three French Hens  
Two Turtle Doves  
and a Partridge in a Pear Tree

On the twelfth day of Christmas  
my true love sent to me:  
12 Drummers Drumming  
Eleven Pipers Piping  
Ten Lords a Leaping  
Nine Ladies Dancing  
Eight Maids a Milking  
Seven Swans a Swimming  
Six Geese a Laying  
Five Golden Rings  
Four Calling Birds  
Three French Hens  
Two Turtle Doves  
and a Partridge in a Pear Tree



## THE TWELVE DAYS OF CHRISTMAS

Read the words of the song and answer the questions below

**How many presents were given each day?**

DAY		TOTAL
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

Look at the **total** column. Do you notice anything about the pattern of numbers?

\_\_\_\_\_

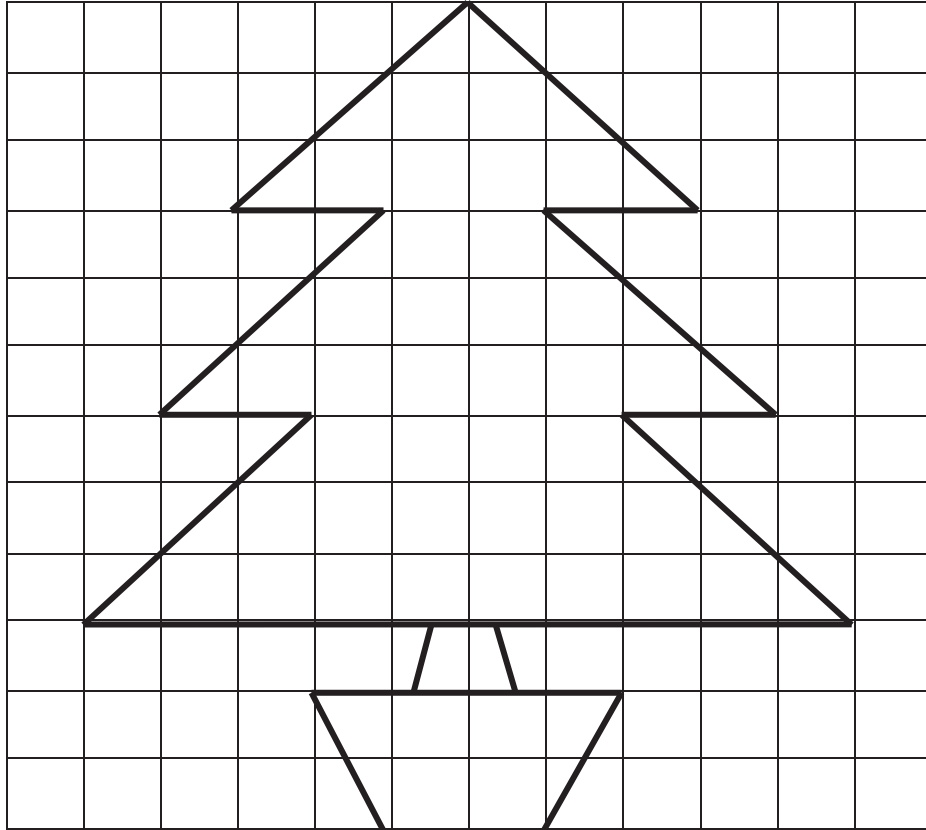
**How many of each type of present was given altogether?**

PRESENT		TOTAL
Partridge		
Turtle doves		
French hens		
Calling birds		
Gold rings		
Geese		
Swans		
Maids		
Ladies		
Lords		
Pipers		
Drummers		

Which was the present that the true love gave the most of? \_\_\_\_\_

Which was the present that the true love gave the least of? \_\_\_\_\_

## Length and Area

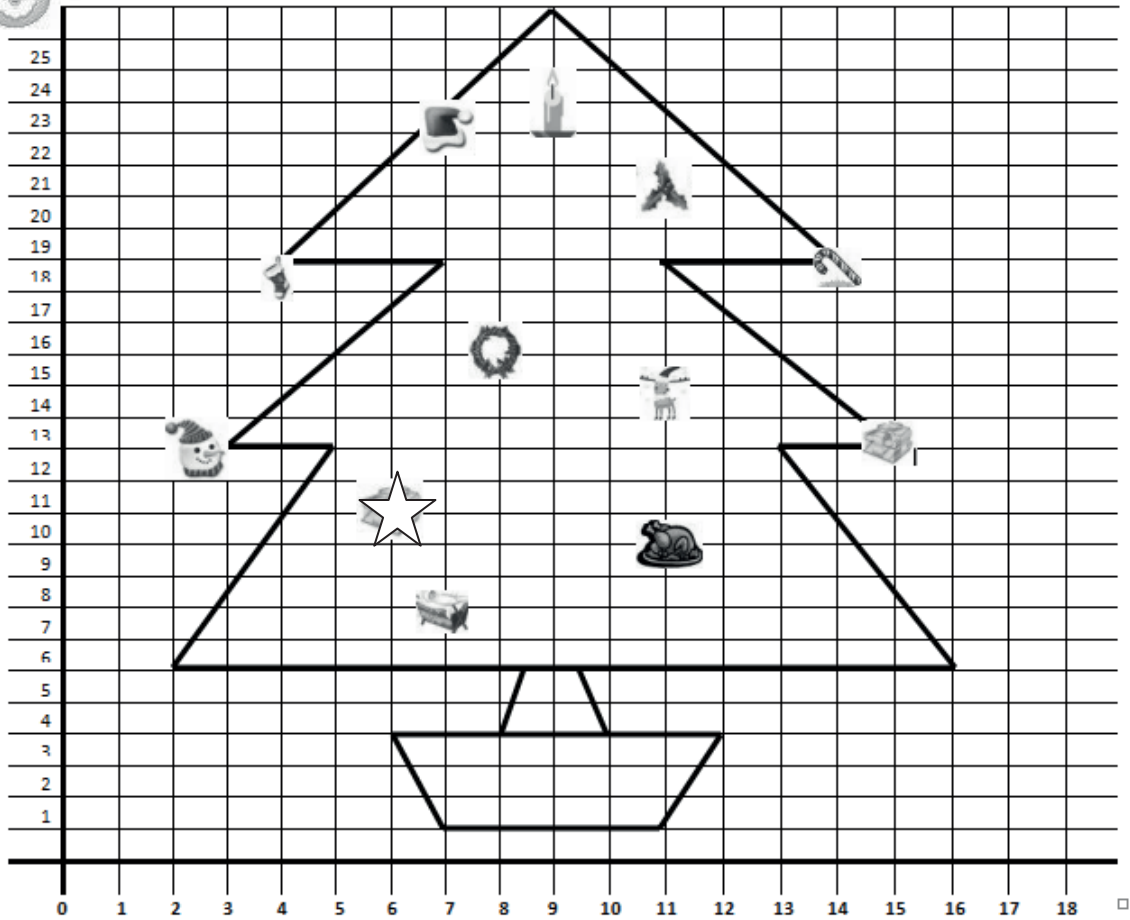


1. Estimate the area of the pot \_\_\_\_\_
2. Find the area of the pot \_\_\_\_\_
3. Estimate the area of the Christmas tree including its trunk \_\_\_\_\_
4. Find the area of the Christmas tree including its trunk \_\_\_\_\_
5. Measure the perimeter of the pot to the nearest mm \_\_\_\_\_
6. Measure the perimeter of the tree (without the trunk) to the nearest mm \_\_\_\_\_





# Christmas Co-ordinates



Write the co-ordinates of the following:

Crib ( \_ , \_ )

Walking stick ( \_ , \_ )

Turkey ( \_ , \_ )

Star ( \_ , \_ )

Holly ( \_ , \_ )

Walking Stick ( \_ , \_ )

Wreath ( \_ , \_ )

Santa Hat ( \_ , \_ )

Reindeer Head ( \_ , \_ )

Tip of Candle Flame ( \_ , \_ )

Gift ( \_ , \_ )

Snowman Nose ( \_ , \_ )



## MAM'S CHRISTMAS SHOPPING LIST!

Can you help your mam to do the Christmas shopping?  
Look through your Argos catalogues and find presents  
for all the family!

Make sure that you don't go over the budget of €600!!!

Dad wants an electric  
shaver and new watch.

### Dad

Page number:    Item:

Cost:

Page number:    Item:

Cost:

Grandad wants a golf bag  
and some golf balls.

### Grandad

Page number:    Item:

Cost:

Page number:    Item:

Cost:

Grandma would like  
jewellery.

### Granny

Page number:    Item:

Cost:

Page number:    Item:

Cost:

Jane, 8, wants a Barbie and a bike.

**Jane**

Page number:    Item:

Cost:

Page number:    Item:

Cost:

Jack, 13, wants a football and a mobile phone.

**Jack**

Page number:    Item:

Cost:

Page number:    Item:

Cost:



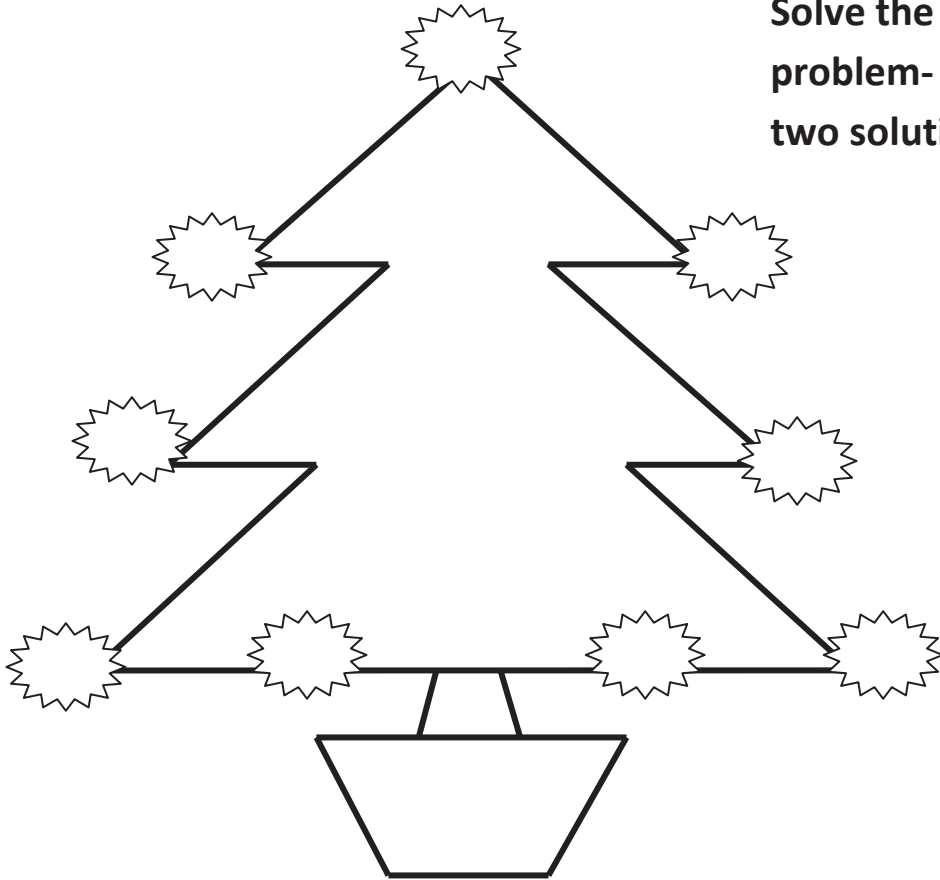
Mam has spent:

€

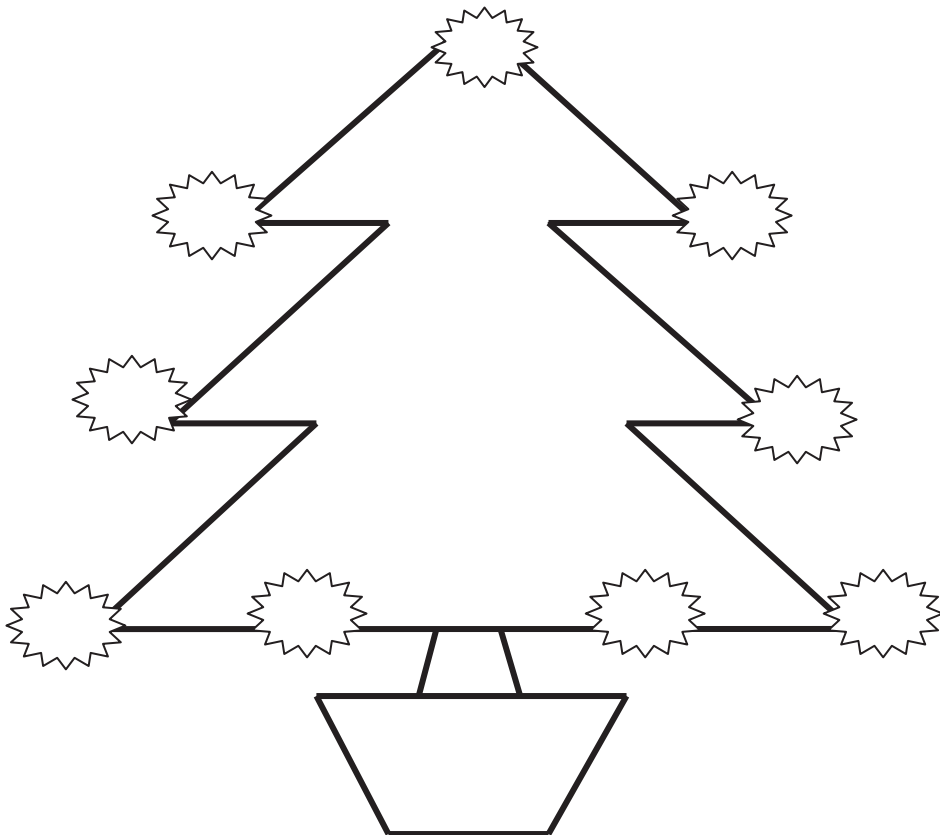
Any change? Make a list of what Christmas bits and pieces you would buy with the spare change:



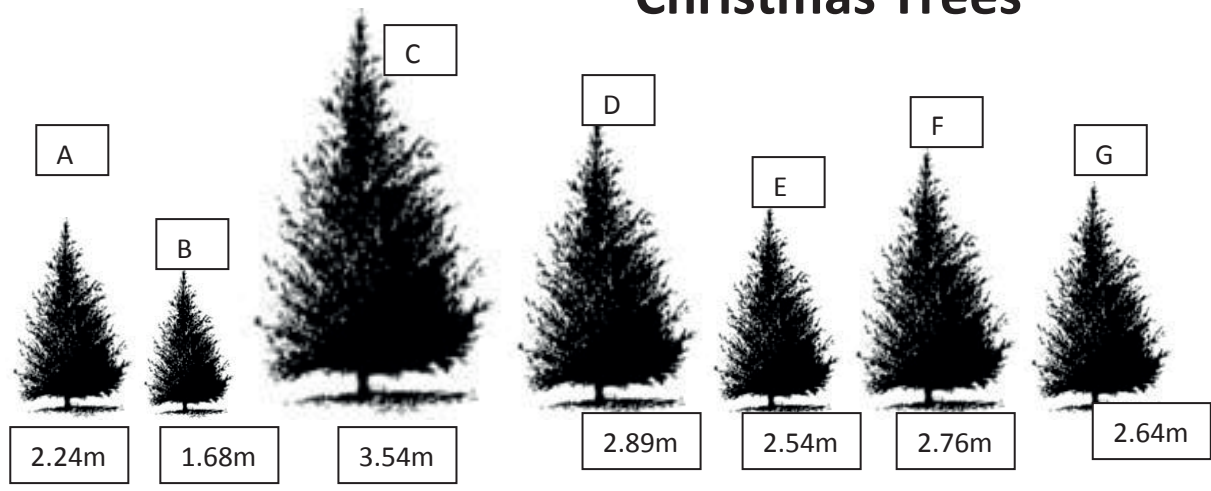
**Solve the Christmas tree problem- can you find two solutions?**



**Place the digits 1-9 in each of the star shapes so that each of the three sides add up to the same total. You may use each digit only once.**



# Christmas Trees



1. What is the difference in height in the following pairs of trees?

A and B	B and D	C and G
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
A and C	B and E	D and E
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
A and D	B and F	D and F
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
A and E	B and G	D and G
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
A and F	C and D	E and F
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
A and G	C and E	E and G
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
B and C	C and F	F and G
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

2. Calculate the total height of trees A,B, and C
3. Calculate the total height of the 3 tallest trees
4. Calculate the total height of the 3 smallest trees
5. Calculate the average(mean) height of the seven trees

The trees grow 3cms every month. Calculate the height of each tree after one more year

Tree	A	B	C	D	E	F	G
<b>Now</b>							
<b>Growth in 1 year</b>							
<b>In 1 years time</b>							

# CHOCOLATE CHRISTMAS DECORATIONS



All the decorations can be bought individually or in packs of twelve of any one type

1. What would be the price of a pack of twelve bells?
2. What would be the price of a pack of twelve Santas?
3. What would be the price of a pack of twelve snowmen?

Twelve packs are packed into one box.

4. What would be the price of a box of bells?
5. What would be the price of a box of Santas?
6. What would be the price of a box of snowmen?

One hundred boxes are packed in container.

7. What would be the price of a container of bells?
8. What would be the price of a container of Santas?
9. What would be the price of a container of Snowmen?

Supervalue orders 1 containers of bells, 5 containers of Santas and 2 containers of snowmen.

10. What is the value of all of these chocolate decorations?

Because Supervalve is buying so many decorations they are given a 25% discount.

11. How much is the discount?
12. How much do Supervalve have to pay?

## Toy Factory Workshop (1)

In the months leading up to Christmas, a toy factory was busy preparing for the Christmas orders.

The table below shows the number of toys made each month from June to November.

Use the information in the table to answer the questions below.

Toys	June	July	August	September	October	November
Boardgames	16	26	31	20	22	17
Bicycles	20	20	22	18	20	20
Footballs	28	18	20	25	21	14
Skateboards	25	23	27	21	22	20
Teddy Bears	10	17	15	19	12	11
<b>TOTALS</b>						

### Complete the following:

1. A total of \_\_\_\_\_ boardgames were made.
2. A total of \_\_\_\_\_ bicycles were made.
3. A total of \_\_\_\_\_ footballs were made.
4. A total of \_\_\_\_\_ skateboards were made.
5. A total of \_\_\_\_\_ teddy bears were made.
6. In June a total of \_\_\_\_\_ toys were made.
7. In June a total of \_\_\_\_\_ toys were made.
8. In June a total of \_\_\_\_\_ toys were made.
9. In June a total of \_\_\_\_\_ toys were made.
10. In June a total of \_\_\_\_\_ toys were made.
11. In June a total of \_\_\_\_\_ toys were made.
12. During the six months leading up to Christmas a total of \_\_\_\_\_ toys were made.



## Toy Factory Workshop (2)

Look at the table in worksheet 1 again

Calculate the average (mean) number of each toy made each month by adding the numbers made each month and dividing the total by the number of months. The first one is done for you.

Toys	Total made	Calculation needed	Mean
Boardgames	$16 + 26 + 31 + 20 + 22 + 17 = 132$	$132 \div 6$	22
Bicycles			
Footballs			
Skateboards			
Teddy Bears			

The factory has an order for 150 of each type of toy for Christmas. How many more of each type of toy must be made?

Boardgames

Bicycles

Footballs

Skateboards

Teddy bears

**Workspace**

## COOKING THE TURKEY AND HAM



The turkey in the picture weighed **5Kilos** before it was cooked.

The ham weighs **4Kilos** before it was cooked.

To cook the turkey properly it should be in the oven at 180 degrees for approximately **40mins per Kilo**.

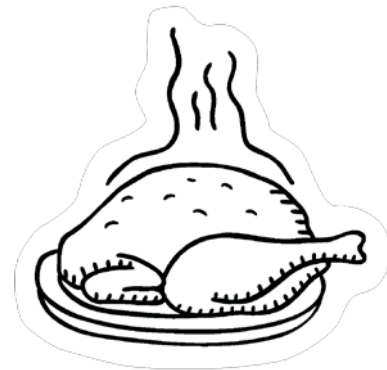
To cook the ham properly it should be cooked approximately **60mins per Kilo**

1. For how many minutes should this turkey be in the oven? \_\_\_\_\_
2. How many hours and minutes is this? \_\_\_\_\_
3. If the family dinner is at 1p.m. what time should the turkey be put in the oven? \_\_\_\_\_
4. If the family dinner is at 1p.m. what time should the ham be put on to cook? \_\_\_\_\_
5. If the family dinner is at 2.30p.m. what time should the turkey be put in the oven ? \_\_\_\_\_
6. If the family dinner is at 2.30p.m. what time should the ham be put on to cook? \_\_\_\_\_
7. If the family dinner is at 5.00p.m. what time should the turkey be put in the oven ? \_\_\_\_\_
8. If the family dinner is at 5.00p.m. what time should the ham be put on to cook? \_\_\_\_\_

The table below shows cooking times for different sized turkeys

Some of the table has been filled in for you.

Complete the rest of the table



Weight of turkey	Cooking time(minutes)	Cooking time(hours and minutes)	Time in the oven	Time out of the oven
3.0Kg			11.00am	
3.5Kg			11.30am	
4.0Kg			10.00am	
4.5Kg			10.30am	
5.0Kg			10.00am	
5.5Kg				1.30pm
6.0Kg				2.00pm
6.5Kg				2.30pm
7.0Kg			11.15am	
7.5Kg			9.45am	
8.0Kg				2.00pm
8.5Kg			11.00am	
9.0Kg				2.30pm
9.5Kg			10.00am	
10.0Kg				3.00pm

# Christmas Day – 25<sup>th</sup> DECEMBER

25

25

25

1. What is the square root of 25?

2. What is 25 squared?

3. Two square numbers add up to 25. What are they?

4. 25 has three factors. What are they?

5. Count in 25's

$1 \times 25 = 25$

6. 997 – the digits add up to 25. List 4 other three digit numbers that add up to 25

7. Using only prime numbers, how many ways can you make 25?

25

25

25

# Doubles

Double each number below in the coded message and write down what letter it represents from the charts. Each letter has three possible code numbers.

<b>A</b>	<b>22, 100, 154</b>
<b>B</b>	<b>48, 166, 180</b>
<b>C</b>	<b>46, 56, 92</b>
<b>D</b>	<b>2, 160, 176</b>
<b>E</b>	<b>26, 62, 178</b>
<b>F</b>	<b>114, 98, 188</b>
<b>G</b>	<b>28, 68, 148</b>
<b>H</b>	<b>30, 64, 96</b>

<b>I</b>	<b>150, 58, 182</b>
<b>J</b>	<b>6, 86, 186</b>
<b>K</b>	<b>44, 88, 192</b>
<b>L</b>	<b>32, 66, 170</b>
<b>M</b>	<b>70, 90, 156</b>
<b>N</b>	<b>8, 84, 136</b>
<b>O</b>	<b>72, 102, 192</b>
<b>P</b>	<b>36, 82, 160</b>
<b>Q</b>	<b>14, 74, 124</b>

<b>R</b>	<b>42, 76, 112</b>
<b>S</b>	<b>16, 40, 194</b>
<b>T</b>	<b>152, 80, 110</b>
<b>U</b>	<b>18, 94, 108</b>
<b>V</b>	<b>20, 54, 60</b>
<b>W</b>	<b>24, 106, 140</b>
<b>X</b>	<b>34, 104, 138</b>
<b>Y</b>	<b>12, 38, 200</b>
<b>Z</b>	<b>10, 78, 50</b>

18	13	11	46	89	93	96	19	50	42	88
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
36	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
P	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

48	77	41	80	29	68	31	20	97
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____

76	51	100	36	54
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

# Lá Nollag Christmas Day

MORNING

AFTERNOON

EVENING

LATE

## RTÉ One

- 6.40 **Morning Movie: A Connecticut Yankee in King Arthur's Court** (1949) With Bing Crosby. Adventure set in King Arthur's court. (S) \*\*\*\*\* 49164336 **8.25 EastEnders** (R, S) 94028748 **8.55 Fair City** (R, S) 79309545 **9.20 Wexford Carols** (R, S) 26479361
- 10.15 **Christmas Day Service** With Rev. Tom Gordon. (S) 40970859
- 11.00 **Urbi et Orbi** The annual Christmas blessing by Pope Benedict XVI. (S) 62732106
- 11.40 **Mass for Christmas Day** From Sacred Heart Parish, Yellow Walls, Malahide, Dublin. (S) 26510699
- 12.45 **The Archbishops' Christmas Message** (S) 82908941 **12.55 Killinaskully: The Last Round** (R, S) 12241212 **1.25 Band of Brothers: Scéal Na Mulckerrins** (S) 11376831
- 2.00 **Christmas Day Matinee: The Incredibles** (P) (2004) A superhero family are forced into action. Starring Holly Hunter. (S) \*\*\*\*\* 28184922
- 3.50 **Christmas Day Matinee: Harry Potter and the Order of the Phoenix** (2007) The Ministry of Magic takes over Hogwarts. Starring Daniel Radcliffe. (S) \*\*\*\*\* 41216800
- 6.01 **RTÉ News: Six One** (S) (Followed by Weather) 16234670
- 6.05 **Fair City** Christmas day at the Dowling household become rather confusing. (S) 83707651
- 7.00 **John Huston: An American in Galway** A portrait of the American director who became an Irish citizen in 1964 and spent 20 years in Galway. (S) 81910079
- 7.55 **EastEnders** With the Mitchells nursing their bitterness all over the Square, Archie finally has the Vic to himself. (S) 15793816
- 8.55 **RTÉ News** (S) (Followed by Weather) 38418748
- 9.05 **Pat Shortt's Mattie** Comedy series following Mattie, a country detective who has a knack for misadventure. (S) 19658380
- 9.30 **Christmas Night Movie: The Devil Wears Prada** (P) (2006) About a naive journalist who tackles a demanding job when she becomes PA to the editor of a prestigious New York fashion magazine. Starring Anne Hathaway and Meryl Streep. (S) (Followed by *iWitness*) \*\*\*\*\* 31062545
- 11.15 **Late Late Movie: Collateral** (2004, Thriller) Tale about a cab driver who is offered \$600 to drive a well-dressed man around the city making five stops. Starring Tom Cruise. (S) \*\*\*\*\* 57123729
- 1.10 **Late Late Movie: The Manchurian Candidate** (1962, Thriller) About two American soldiers who are captured during the Korean War and brainwashed by their jailers. Starring Laurence Harvey and Frank Sinatra. (S) \*\*\*\*\* 84747404
- 3.15 **Late Late Movie: Brewster's Millions** (1985, Comedy) A bedraggled baseball player cannot believe his luck when he is told he has inherited millions of dollars from an eccentric relative. Starring Richard Pryor and John Candy. (S) \*\*\*\*\* 17908201
- 4.50 **EuroNews** 74915862

## RTÉ Two

- 6.10 **3rd and Bird** 34397564 **6.30 A Child's Christmas** 94541212 **7.00 The Little Reindeer** 89276293
- 7.25 **FILM: Den Movie Barbie in a Christmas Carol** (2008, Animation) Children's movie. \*\*\*\*\* 81349477
- 8.40 **Fluffy Gardens Christmas** 79317564 **9.05 T.O.A.S.T. Christmas Special** 60918274 **9.50 Test the Teachers** (S) 64185090
- 10.20 **FILM: TMNT** (P) (2007, Action) Computer animated revival of the cult film series about four martial-arts-trained turtles. The righteous reptiles reunite to repel an industrialist who plans to take over New York. (S) \*\*\*\*\* 38006903
- 11.40 **Lost and Found** 87658106 **12.05 Merry Madagascar** (S) 37946922 **12.30 On the Block** (S) 12231835 **12.55 The Simpsons** (S) 82578038 **1.20 The Riordans: Tea, Taboos and Tractors** 56410545
- 2.15 **FILM: The Searchers** (1956) Epic western about the search for an abducted girl. Starring John Wayne. (S) (Followed by Cinnlinte Nuachta) \*\*\*\*\* 76073274
- 4.10 **FILM: Butch Cassidy and the Sundance Kid** (1969) Oscar-winning western about a couple of train robbers who are forced to go on the run when the Union Pacific Railroad tires of being targeted and sets a posse on their trail. Starring Paul Newman. (S) (Followed by Cinnlinte Nuachta) \*\*\*\*\* 90960800
- 6.25 **The Simpsons** Bart, Lisa and their classmates fight for survival when they become stranded on a remote island. (S) 54964670
- 6.45 **The Big Big Movie: Toy Story** (1995, Animation) Computer-animation in which a child's toys come alive whenever he leaves the room. Leader of the pack Woody finds his authority usurped by the arrival of an impressive astronaut figure who goes by the name of Buzz Lightyear. With the voice of Tom Hanks. (S) \*\*\*\*\* 90965583
- 8.05 **Vincent O'Brien: The Master** A profile of the late Irish horse trainer Vincent O'Brien, regarded by many as an important influential sportsman. (S) 67442274
- 9.00 **FILM: Once** (P) (2006, Drama) Low-key musical romance about a shy Dublin busker who falls for a Czech immigrant. Starring Glen Hansard and Markéta Irglová. (S) \*\*\*\*\* 15609922
- 10.25 **FILM: The Commitments** (1991, Comedy) Spirited musical tale of an entrepreneurial young Dubliner who assembles a raw band to perform '60s soul. Starring Robert Arkins. (S) \*\*\*\*\* 46337699
- 12.20 **FILM: My Left Foot** (1989, Drama) Moving and humorous adaptation of Christy Brown's best-selling autobiography. Starring Daniel Day-Lewis. (S) \*\*\*\*\* 29532572
- 2.00 **FILM: Jean de Florette** (1986, Drama) Starring Yves Montand, Gerard Depardieu and Daniel Auteuil. With English subtitles. \*\*\*\*\* 75544299
- 3.55 **EuroNews** 65293775

## TG4

- 6.00 **France 24** 81422212 **7.00 Cúla 4 na nÓg** 83353583 **7.01 Dora agus na Finscéalta** (OS) 41461125 **7.45 Mr Men** 90761545
- 8.00 **FILM: The Little Polar Bear** (OS) (2002, Animation) Children's animation in which a polar bear cub and a seal pup team up to stop their frozen home from being destroyed by a ship. \*\*\*\*\* 24871545
- 9.20 **Ben 10** 59476767 **9.40 Eliot Kid** 64182903 **10.10 Michael Jackson - Na Videos** 33542212
- 11.05 **FILM: The Lizzie McGuire Movie** (2003, Adventure) With Hilary Duff and Adam Lamberg. Family comedy that sees Lizzie flying to Italy and impersonating a teen pop idol. \*\*\*\*\* 57310922
- 12.40 **Pop 4** 32491748 **1.35 Ponc** 44974019
- 2.05 **FILM: Jack Frost** (1998, Comedy) A musician who neglects his family and is killed in a car accident is reincarnated as a snowman. Starring Michael Keaton and Kelly Preston. \*\*\*\*\* 75713729
- 3.45 **An Aimsir Láithreach** 20018496 **3.50 Siar Um Nollaig** 79556545 **4.20 Nuacht TG4** (Followed by An Aimsir Láithreach) 88983583 **4.30 Ceol Daniel** (OS) 51632800
- 5.25 **Steip: Súil Siar an Oireachtas 2009** (OS) Highlights from this year's Oireachtas. 94323816
- 6.20 **GAA 2009 - Na Cúil** (OS) A rundown of the best 15 hurling and football goals. 14925106
- 6.50 **Anam an Amhráin** (OS) Singer Iarla Ó Lionaird travels Ireland to reinterpret music. (Followed by An Aimsir Láithreach) 67263361
- 7.20 **FILM: Into the West** (1992, Fantasy) The tale of a white horse that takes two young brothers on a fantastic adventure. Starring Gabriel Byrne, Ellen Barkin. \*\*\*\*\* 72710274
- 9.00 **Geantraí** (OS) Matt Molloy's in Westport celebrates its 20th birthday. 19651477
- 9.25 **EuroMillions Draw** 72609816
- 9.26 **Geantraí** (Continued) 61086583
- 9.55 **Diabhal ag an Damhsa** (OS) Exploring the night of June 6th 1958 when the devil was said to have appeared. 83469835
- 10.25 **Ballroom of Romance** William Trevor's observation of love and life in 1950s Ireland. 51027670
- 11.40 **Top 50 GAA Iomáint** 15441477
- 12.35 **FILM: Fear and Loathing in Las Vegas** (1998, Drama) Starring Johnny Depp, Benicio Del Toro. \*\*\*\*\* 71408065
- 2.30 **France 24** 60438201

## TV3

- 6.20 **Christmas Movie: Hansel and Gretel** (1988, Children's) With Cloris Leachman and Hugh Pollard. Family musical based on the fairy tale by the Brothers Grimm. \*\*\*\*\* 47443941
- 8.00 **Christmas Movie: Anna and the King** (1999, Romance) With Yun-Fat Chow and Jodie Foster. Period drama based on a true story. \*\*\*\*\* 52578941
- 10.45 **Emmerdale** 18815583 **11.15 Coronation Street** 1881249
- 11.45 **Christmas Movie: Muppets from Space** (1999, Comedy) With F Murray Abraham and Jeff Tambor. Gonzo must decide whether to jet off into space to his new-found alien family or stay with his furry friends on Earth. \*\*\*\*\* 91817212
- 1.25 **Christmas Movie: Beethoven** (1992, Comedy) About a family adopt a large, loveable St Bernard dog who wreaks havoc. Starring Charles Grodin. \*\*\*\*\* 8338
- 3.05 **Christmas Movie: Richie Rich** (1994, Comedy) Richie Rich is the wealthiest boy in the world, with everything except companions. Starring Macaulay Culkin and Larroquette. \*\*\*\*\* 419347
- 4.55 **Some Mothers Do 'Ave 'Em** 86556274
- 6.00 **Emmerdale** Cain and Char remain at odds. Mark is torn about leaving Natasha. 7781
- 7.00 **Coronation Street** Will Mc and Kevin stick to their plan to reveal all? Tina is suspicious of Nick's intentions. 10869564
- 8.00 **Deal or No Deal: Christmas Special** Game show hosted by illusionist Keith Barry. 10878
- 9.00 **Christmas Movie: Ocean's Thirteen** (P) (2007, Action) Sequel. The remaining members of the gang regroup to jeopardize the plans of a businessman, double-crossed one of Dan's old friends. Starring George Clooney and Al Pacino. \*\*\*\*\* 14436534
- 11.25 **Christmas Movie: Quick Change** (1990, Comedy) Comedy about a man whose ingenious plans go awry. Starring Bill Murray, Geena Davis and Randy Quaid. \*\*\*\*\* 5417
- 1.05 **FILM: The Clearing** (2004, Drama) Measrued Thriller. Starring Robert Redford, Helen Mirren. \*\*\*\*\* 11060794
- 3.40 **FILM: Suspect Zero** (2003, Thriller) About a serial killer targeting anyone. Starring Al Pacino. \*\*\*\*\* 33434688
- 5.20 **Restaurant Makeover** 549

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## TV viewing on Christmas Day

Look at the page from the RTE Guide and answer the following questions:

1. Which of the four TV stations starts the earliest? \_\_\_\_\_
  
2. What length of time do the following films run for:
  - (i) The Devil Wears Prada (RTÉ One)      \_\_\_\_ hrs and \_\_\_\_ mins
  - (ii) Once (RTÉ Two)                              \_\_\_\_ hrs and \_\_\_\_ mins
  - (iii) The Commitments (RTÉ Two)            \_\_\_\_ hrs and \_\_\_\_ mins
  - (iv) Some Mothers Do 'Ave 'Em                \_\_\_\_ hrs and \_\_\_\_ mins
  - (v) Into The West (TG4)                        \_\_\_\_ hrs and \_\_\_\_ mins
  - (vi) Ocean's Thirteen (TV3)                    \_\_\_\_ hrs and \_\_\_\_ mins
  
3. Your mother wants to watch fair City and you want to see Butch Cassidy and the Sundance Kid followed by The Simpsons. You have to record these on a 3hour DVD  
 When both of these are recorded, how many recording minutes are left on the DVD?  
 \_\_\_\_ hrs and \_\_\_\_ mins
  
4. Which station has the latest start time for its final programme on Christmas Day?  
 \_\_\_\_\_
  
5. Choose **six** films from the Christmas Day list and do a survey of your classmates favourite films . Use a table like this:

Film	Number of students

6. Draw a bar chart to represent this information:

