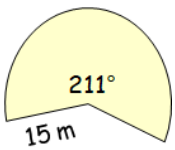
Name:	Date:
Question 1: Evaluate; $2\frac{4}{5} \div 1\frac{1}{9}$	APP 1·3b Gold Outcome 1
Question 2: Multiply out the following brackets and collect like terms; $(x+4)(x^2+2x+11)$	E+F 1·2a Bronze Outcome 3
Question 3: Solve **algebraically** the system of equations; $5x+4y=18$ $2x+3y=3$	REL 1·1d Gold Outcome 1
Question 4: Calculate the length of the major arc below with radius 15 metres. 	E+F 1·4b Silver Outcome 1
Question 5: Sales of a best-selling maths textbook were 4000 in one year. Sales fell by 25% for the first year and 18% in the second year. Calculate the number of copies sold after 2 years.	APP 1·3a Gold Outcome 3
My score:	

Exam Questions

Question 1:

E+F 1·2a Bronze Outcome 1

Factorise

$2p^2 - 5p - 12.$ 2

Question 2:

APP 1·3a Silver Outcome 2

Calculate the **compound interest** earned when £50 000 is invested for 4 years at 4·5% per annum.
Give your answer to the nearest penny. 4

Question 3:

REL 1·1c Gold Outcome 2

Solve the inequality

$\frac{x}{4} - \frac{1}{2} < 5.$ 2

Question 4:

REL 1·1e Bronze Outcome 2

$L = \frac{1}{2}(h - t).$

Change the subject of the formula to h. 2

Question 5:

E+F 1·1b Silver Outcome 1

Simplify $\frac{3a^5 \times 2a}{a^2}$ **3**

My score: