








Name:	Date:
<p>Question 1:</p>  <p>An antique watch was bought for £600.</p> <p>It is expected to decrease in value by 5% each year.</p>  <p>How much is the watch expected to be worth in 2 years?</p>	 APP 1-3a Bronze Outcome 3
<p>Question 2:</p> <p>Solve algebraically the system of equations;</p> $7x + 3y = 13$ $3x + 2y = 2$	 REL 1-1d Gold Outcome 1
<p>Question 3:</p> <p>Factorise the following expression;</p> $16g^2 - 25h^2$	 E+F 1-2b Silver Outcome 2
<p>Question 4:</p> <p>Change the subject of the formula to s.</p> $m = \frac{s^2 d}{r}$	 REL 1-1e Silver Outcome 2
<p>Question 5:</p> <p>Multiply out the following brackets and collect like terms;</p> $(x - 1)(x^2 + 5x + 3)$	 E+F 1-2a Silver Outcome 3
My score:	

Exam Questions



Question 1:

Factorise $4x^2 - y^2$. 1

E+F 1.2a Silver Outcome 2

Question 2:

Evaluate $2\frac{3}{8} \div \frac{5}{16}$. 2

APP 1.3b Gold Outcome 3

Question 3:

Solve the equation

$$3x + 1 = \frac{x - 5}{2} \quad 3$$



REL 1.1c Gold Outcome 1

Question 4:

Given that $f(m) = m^2 - 3m$,
evaluate $f(-5)$. 2

REL 1.1b Silver Outcome 1

Question 5:

A spider weighs approximately 19.06×10^{-5} kilograms.

A humming bird is 18 times heavier.

Calculate the weight of the humming bird.

Give your answer **in scientific notation**.

2



E+F 1.1b Gold Outcome 3

My score: