





Maths
Junior Certificate
Ordinary Level

Past Exam Questions on
Evaluating in Algebra



Q4 Part (a) 2010 Paper 1

4. (a) If $a = 3$ and $b = 5$, find the value of :

	(i) $a + 2b$
	(ii) $ab - 6$

Q4 Part (a) 2009 Paper 1

4. (a) If $a = 5$, find the value of :

	(i) $4a + 1$
	(ii) $a^2 - 3a + 6$

Q6 Part (a) 2009 Paper 1

6. (a) $f(x) = 4x - 5$. Find:

✍	(i) $f(3)$
✍	(ii) $f(-2)$

Q4 Part (a) 2008 Paper 1

4. (a) If $a = 5$ and $b = 7$, find the value of :

✍	(i) $9a + b$
✍	(ii) $ab + 13$

Q6 Part (a) 2008 Paper 1


6. (a) $f(x) = 3x - 1$. Find:

(i) $f(5)$
(ii) $f(-4)$

Q4 Part (a) 2007 Paper 1

4. (a) If $x = 3$, find the value of :


 (i) $4x + 5$

 (ii) $2x^2 - 11$

Q4 Part (a) 2006 Paper 1

4. (a) If $a = 2$ and $b = 5$, find the value of :

 (i) $3a + b$

 (ii) $ab - 3$

Q5 Part (c) 2006 Paper 1

- (ii) Express $\frac{3x+2}{4} - \frac{x+4}{5}$ as a single fraction.
Give your answer in its simplest form.



- (iii) Verify your answer to part (ii) by letting $x = 6$.





Q6 Part (a) 2006 Paper 1

6. (a) $f(x) = 2x - 1$. Find:

	(i) $f(4)$
	(ii) $f(-5)$

Q4 Part (a) & (b) 2005 Paper 1

4. (a) If $x = 4$, find the value of :

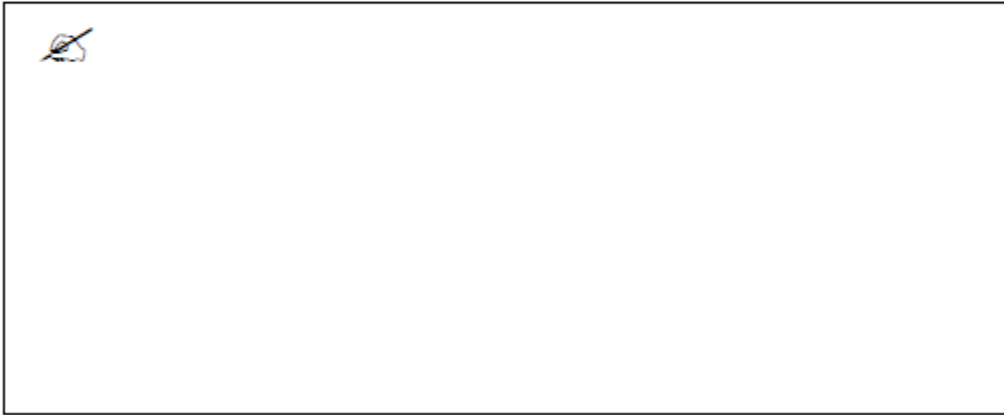
	(i) $5x + 3$
	(ii) $x^2 - x + 7$

4(b) (i) Multiply $(3x - 2)$ by $(4x + 5)$ and write your answer in its simplest form.



(ii) Write in its simplest form

$$(4x^2 - 3x + 7) + (x^2 - 2x - 8).$$




Q6 Part (a) 2005 Paper 1

6. (a) $f(x) = 5x - 6$. Find:

	(i) $f(3)$
	(ii) $f(-2)$

Q2 Part (b) 2005 Paper 1

- (ii) By rounding each of these numbers to the nearest whole number, estimate the value of $\frac{56 \cdot 214}{2 \cdot 31 + 5 \cdot 79}$.

 $\frac{56 \cdot 214}{2 \cdot 31 + 5 \cdot 79}$ is approximately equal to:

$$\frac{\boxed{}}{\boxed{} + \boxed{}} = \frac{\boxed{}}{\boxed{}} = \boxed{}$$

- (iii) Using a calculator, or otherwise, find the exact value of $\frac{56 \cdot 214}{2 \cdot 31 + 5 \cdot 79}$.