Substitute numbers into expressions

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MATHS-SCHOOL

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Name:

Evaluate these expressions when $n = 4$

a) $4n$	d) $\frac{n}{2}$	g) $20 - 2n$
b) $n + 2$	e) $n - 3$	h) n^2
c) $10 - n$	f) $3n - 4$	i) $n^2 + n$

Evaluate these expressions when $a = 5$

a) $5a$	d) $\frac{10}{2a}$	g) $10 - 3a$
b) $a + 3$	e) $2a - 2$	h) a^3
c) $2 - a$	f) $8a - 5$	i) $a^2 - 2a$

Evaluate these expressions when $b = 6$ and $c = 5$

a) $b + c$	d) $\frac{10b}{c}$	g) $2c^2 - 2b$
b) $2b - c$	e) $2c - b$	h) $(bc)^2$
c) bc	f) $b^2 - c$	i) $5bc - 2b^2$

Evaluate these expressions when $x = 2$, $y = -2$ and $z = -3$

a) $2x$	d) $\frac{x}{y}$	g) xyz
b) $2y$	e) $x + y$	h) y^2
c) $50 - 4x$	f) $8x - z$	i) $z^2 - xz$

Evaluate these expressions when $p = -5$, $q = -4$ and $r = -1$

a) $5p$	d) $\frac{pq}{r}$	g) $pq - 4r$
b) $p + q$	e) pqr	h) $q^2 + p^2$
c) $r - q$	f) $8r - q$	i) $q^3 - p^2$

Exam style question:

An expression for the area of a triangle is given as $\mathbf{12c^2}$

If the value of $\boldsymbol{c}$ in a triangle is given as 4cm, calculate the area of the triangle in cm^2