Expressions: terms, coefficients and values — Further practice

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Further practice 11

For the monomial below, find its coefficient. Explain which part of the term is counted.

$$6mn^2$$

Further practice 12

Find a/2 + b when a = −4 and b = 3.

$$\frac{a}{2} + b$$

Further practice 13

Find $3x^2 - 2x + 1$ when x = 2.

$$3x^2 - 2x + 1$$

Further practice 14

For the monomial below, find its degree. Explain which part of the term is counted.

$$7$$

Extension 15

Find $a^2 - 2ab + b^2$ when a = 3 and b = 1. Replace every occurrence of each letter.

$$a^2 - 2ab + b^2$$

Extension 16

A rectangle has width x cm and length (x + 3) cm. Write and simplify its perimeter.