Year 12 Definitions

Dr Oliver

Revision Part 3

Squares and cubes

$11^2 =$

Squares and cubes

$$11^2 = 121$$

Squares and cubes

$11^2 = 121$ $\qquad$ $9^3 =$

Squares and cubes

$$11^2 = 121 \qquad 9^3 = 729$$

Squares and cubes

$11^2 = 121$ $\qquad$ $9^3 = 729$

$(-15)^2 =$

Squares and cubes

$$11^2 = 121 \qquad 9^3 = 729$$

$$(-15)^2 = 225$$

Squares and cubes

$11^2 = 121$ $\qquad$ $9^3 = 729$

$(-15)^2 = 225$ $\qquad$ $7^3 =$

Squares and cubes

$$11^2 = 121 \qquad 9^3 = 729$$

$$(-15)^2 = 225 \qquad 7^3 = 343$$

Squares and cubes

$11^2 = 121$ $\qquad$ $9^3 = 729$

$(-15)^2 = 225$ $\qquad$ $7^3 = 343$

$17^2 =$

Squares and cubes

$11^2 = 121$ $\qquad$ $9^3 = 729$

$(-15)^2 = 225$ $\qquad$ $7^3 = 343$

$17^2 = 289$

Squares and cubes

$11^2 = 121$ $\qquad$ $9^3 = 729$

$(-15)^2 = 225$ $\qquad$ $7^3 = 343$

$17^2 = 289$ $\qquad$ $6^3 =$

Squares and cubes

$11^2 = 121$ $\qquad$ $9^3 = 729$

$(-15)^2 = 225$ $\qquad$ $7^3 = 343$

$17^2 = 289$ $\qquad$ $6^3 = 216$

Collinear

What does *collinear* mean?

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Three or more points are *collinear* if they lie on the same line.

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Three or more points are *collinear* if they lie on the same line.

(Two points? Just think about it . . .)

Chord

What does *chord* mean?

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A *chord* is a line segment joining two points on any curve.

Segment

What does *segment* mean?

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A *segment* is an area of a circle enclosed by a chord.

Factor

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A *factor* is a number that will divide into another number exactly.

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A *factor* is a number that will divide into another number exactly. For example, the factors of 12 are 1, 2, 3, 4, 6, and 12.

Ordinate and abscissa

What does *ordinate* and *abscissa* mean?

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The *ordinate* is the number whose absolute value is the point's perpendicular distance from the horizontal axis.

Ordinate and abscissa

What does *ordinate* and *abscissa* mean?

The *ordinate* is the number whose absolute value is the point's perpendicular distance from the horizontal axis.

The *abscissa* is the number whose absolute value is the perpendicular distance of a point from the vertical axis.

Kite

What does *kite* mean?

Kite

What does *kite* mean?

A *kite* is a quadrilateral with two distinct pairs of adjacent sides that are congruent.

Improper fraction

What does *improper fraction* mean?

Improper fraction

What does *improper fraction* mean?

An *improper fraction* is a fraction in which the numerator is larger than or equal to the denominator.