

Directed Number (1)

Small Steps

- ▶ Understand and use representations of directed numbers
- ▶ Order directed numbers using lines and appropriate symbols
- ▶ Perform calculations that cross zero
- ▶ Adding directed numbers
- ▶ Subtracting directed numbers
- ▶ Multiplication of directed numbers
- ▶ Multiplication and division of directed numbers
- ▶ Using a calculator for directed number calculations
- ▶ Evaluating algebraic expressions with directed number
- ▶ Introduction to two-step equations

Directed Number (2)

Small Steps

- ▶ Solving two-step equations
- ▶ Use order of operations with directed numbers
- ▶ Understand that positive numbers have more than one square root H
- ▶ Explore higher powers and roots H

H denotes higher strand and not necessarily content for Higher Tier GCSE