

## Subtracting negative numbers

### Section 1 - Diagrams

Each of these diagrams shows an addition. Add an arrow to each diagram to show the related subtraction/

Diagram	Addition	Subtraction
	$0 + 6 = 6$	$6 - 6 = 0$

### Section 2 - Sentences

Complete the following sentence and demonstrate the sentence on a number line.

Sentence	Number line
Adding 3 to a number makes it...	
Subtracting 3 from a number makes it...	
Adding $-3$ to a number makes it...	
Subtracting $-3$ from a number makes it...	

### Section 3 - Subtractions

a. $4 - 14 =$	b. $4 - -14 =$	c. $-4 - 14 =$	d. $-4 - -14 =$
e. $14 - 4 =$	f. $14 - -4 =$	g. $-14 - 4 =$	h. $-14 - -4 =$

### Section 4 – Problems

Fill in the boxes so that every subtraction has the same value

$$12 - \underline{\quad} = 2 - \underline{\quad} = -2 - \underline{\quad} = -10 - \underline{\quad} = 10$$

$$12 - \underline{\quad} = 2 - \underline{\quad} = -2 - \underline{\quad} = -10 - \underline{\quad} = 2.8$$

$$\frac{1}{2} - \underline{\quad} = \frac{2}{3} - \underline{\quad} = -\frac{2}{3} - \underline{\quad} = -\frac{1}{10} - \underline{\quad} = \frac{2}{5}$$

The circles in the table below represent either a positive or negative number. The larger the circle, the further the number from zero. Decide whether the result is positive, negative or zero.

Diagram	Positive/Negative/Zero?	Diagram	Positive/Negative/Zero?
			
			
			
			