

Work Sheet No. 1
A BEGINNERS GUIDE TO ALGEBRA
CLASS No. 1: Adding Integers

Exercise I. Comparing Integers

Draw a number line and use it to put in the correct symbol between the numbers. Always read the numbers from left to right.

1. $2 \square 5$

2. $-2 \square 3$

3. $2 \square -5$

4. $-15 \square -10$

5. $14 \square -2$

6. $-3 \square 0$

7. $2 \square -2$

8. $1 \square 0$

Exercise II. Add these Integers in your head.

1. $5 - 3$

2. $-2 - 4$

3. $-10 + 4$

4. $-8 - 8$

5. $3 - 4 - 5$

6. $8 + 3 - 7$

7. $-2 - 3 - 4$

8. $0 - 4 + 8$

Exercise III. Use your calculator to add these integers:

1. $105 - 254$

2. $82 + 56 - 456$

3. $-223 - 789$

4. $541 - 892 + 121$

5. $-1056 - 54 + 341$

6. $-99 - 199 - 299$

ANSWERS

Exercise I. Comparing Integers

1. $<$ 'is less than'
2. $<$ 'is less than'
3. $>$ 'is greater than'
4. $<$ 'is less than'
5. $>$ 'is greater than'
6. $<$ 'is less than'
7. $>$ 'is greater than'
8. $>$ 'is greater than'

Exercise II. Adding Integers in your head

1. 2
2. -6
3. -6
4. -16
5. -6
6. 4
7. -9
8. 4

Exercise III. Adding Integers using a Calculator

1. -149
2. -318
3. -1012
4. -230
5. -769
6. -597