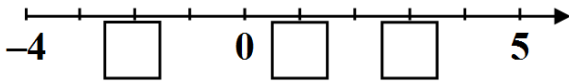


# 1 Year 8 Mathematics

1. Plot the following integers on the number plane:



2. Show  $2\frac{3}{5}$  as an improper fraction.  
 .....

3. Find the complement to  $20^\circ$   
 .....

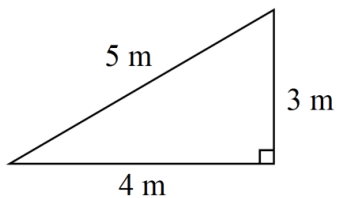
Find the supplement to  $20^\circ$   
 .....

4. Circle the numbers which are factors of 40  
 2 3 4 5 6 7 8 9 10

5. If  $m = 2$  and  $n = 5$ , solve by substitution  
 $2m + n =$  .....

$m - 2n =$  .....

6. Find the perimeter and area of the following shape:

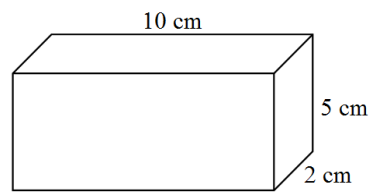


.....  
 .....

# 2 Year 8 Mathematics

1. Solve  $\frac{2}{5} \div \frac{1}{7}$   
 .....  
 .....

2. Find the volume of the following rectangular prism:



.....  
 .....

3. For the following stem-and-leaf plot

Stem	Leaf
0	4 6 8
1	0 0 0 1 1 3 4 7
2	4 6 8
3	1 5
4	0

Find the range: .....

Find the mode: .....

4. Simplify the expression  $3x + 5x - 2x$   
 .....

5. Solve  $5^2 + 3^2$   
 .....

6. Find  $\sqrt{36}$   
 .....