

EXERCISE 1.9

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**Simplify each of the following:**

1.  $7 \times 109$

2.  $6 \times 112$

3.  $9 \times 105$

4.  $17 \times 109$

5.  $16 \times 108$

6.  $12 \times 105$

7.  $102 \times 103$

8.  $101 \times 105$

9.  $109 \times 107$

**Solution:**

1. On simplification of  $7 \times 109$  we get  
 $7 \times 109 = 763$ .

2. On simplification of  $6 \times 112$  get  
 $6 \times 112 = 672$ .

3. On simplification of  $9 \times 105$  we get  
 $9 \times 105 = 945$ .

4. On simplification of  $17 \times 109$  we get  
 $17 \times 109 = 1853$ .

5. On simplification of  $16 \times 108$  we get  
 $16 \times 108 = 1728$ .

6. On simplification of  $12 \times 105$  we get  
 $12 \times 105 = 1260$ .

7. On simplification of  $102 \times 103$  we get  
 $102 \times 103 = 10506$ .

8. On simplification of  $101 \times 105$  we get  
 $101 \times 105 = 10605$ .

9. On simplification of  $109 \times 107$  we get  
 $109 \times 107 = 11663$ .