

## COMPARING NUMBERS →

In math, to compare means to examine the difference between numbers, quantities or values to decide if it is greater than, smaller than or equal to another quantity.

When two numbers have same value we use the equals sign ( $=$ )

When two numbers do not have the same value, we use the greater than sign ( $>$ ) or the less than sign ( $<$ )

For Example:-

- ①  $7830 = 7830$  (equals)
- ②  $1120 < 2120$  (less than)
- ③  $9992 > 9792$  (greater than)

## Writing numbers in an order →

When numbers are written from the smallest to the greatest, they are in ascending order.

When numbers are written from the greatest to the smallest, they are in descending order.

For Example:- 2413, 5632, 2519, 1817

In ascending order - 1817, 2413, 2519, 5632

In descending order - 5632, 2519, 2413, 1817

**EXERCISE 1.3** Do in Book and Copy



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A. Compare each pair of numbers. Put  $>$  or  $<$  in the  $\bigcirc$ .

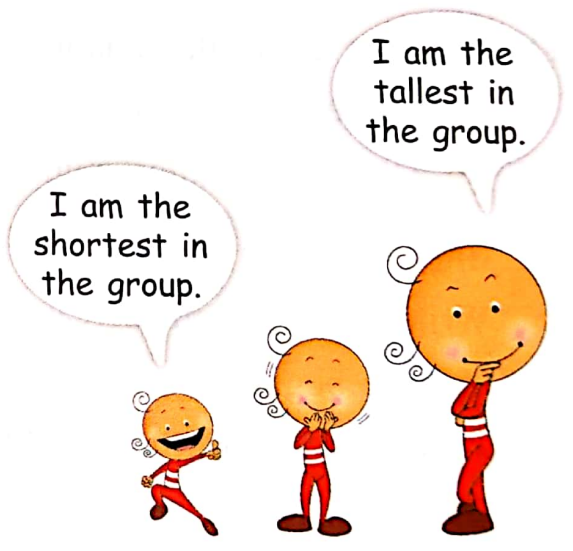
- |         |            |      |         |     |      |
|---------|------------|------|---------|-----|------|
| 1. 113  | $<$        | 1120 | 6. 5401 | $<$ | 6400 |
| 2. 2618 | $>$        | 8    | 7. 1573 | $<$ | 2451 |
| 3. 8592 | $<$        | 9582 | 8. 7830 | $>$ | 7730 |
| 4. 6129 | $>$        | 6058 | 9. 9003 | $<$ | 9008 |
| 5. 2716 | $\bigcirc$ | 2713 | 10. 863 | $>$ | 860  |

B. Circle the smallest number in each group.

- |                |             |             |             |
|----------------|-------------|-------------|-------------|
| 1. 3205        | 4289        | 3526        | <u>3010</u> |
| 2. 4370        | <u>3740</u> | 7304        | 7403        |
| 3. 1080        | 1800        | <u>1008</u> | 8001        |
| 4. 9129        | 9291        | <u>1299</u> | 9921        |
| 5. <u>1199</u> | 1999        | 9111        | 1991        |

C. Cross (X) out the biggest number in each group.

- |         |                 |                 |                 |
|---------|-----------------|-----------------|-----------------|
| 1. 651  | 2162            | <del>6215</del> | 1265            |
| 2. 5882 | 3678            | 8249            | <del>8924</del> |
| 3. 6160 | 6061            | <del>6010</del> | 6110            |
| 4. 9911 | <del>9901</del> | 1119            | 9191            |
| 5. 4444 | 7777            | <del>9909</del> | 9744            |



D. Rewrite the numbers in increasing or ascending order.

- |    |      |      |      |      |                 |                 |                 |                 |
|----|------|------|------|------|-----------------|-----------------|-----------------|-----------------|
| 1. | 1375 | 375  | 3175 | 7153 | <del>375</del>  | <del>1375</del> | <del>3175</del> | <del>7153</del> |
| 2. | 4586 | 5586 | 2586 | 5658 | <del>2586</del> | <del>4586</del> | <del>5586</del> | <del>5658</del> |
| 3. | 1959 | 1529 | 1259 | 1925 | <del>1259</del> | <del>1529</del> | <del>1925</del> | <del>1959</del> |
| 4. | 2236 | 2706 | 2716 | 2268 | <del>2236</del> | <del>2268</del> | <del>2706</del> | <del>2716</del> |
| 5. | 9191 | 2929 | 9993 | 9292 | <del>2929</del> | <del>9191</del> | <del>9292</del> | <del>9993</del> |

E. Rewrite the numbers in decreasing or descending order.

- |    |      |      |      |      |                 |                 |                 |                 |
|----|------|------|------|------|-----------------|-----------------|-----------------|-----------------|
| 1. | 3450 | 345  | 5430 | 4350 | <del>5430</del> | <del>4350</del> | <del>3450</del> | <del>345</del>  |
| 2. | 1265 | 7625 | 2675 | 6175 | <del>7625</del> | <del>6175</del> | <del>2675</del> | <del>1265</del> |
| 3. | 7432 | 7732 | 7237 | 2377 | <del>7732</del> | <del>7432</del> | <del>7237</del> | <del>2377</del> |
| 4. | 2659 | 2859 | 2759 | 6592 | <del>6592</del> | <del>2859</del> | <del>2759</del> | <del>2659</del> |
| 5. | 4567 | 4675 | 4765 | 4576 | <del>4765</del> | <del>4675</del> | <del>4576</del> | <del>4567</del> |