

Related Sets

Name _____

Key Concept and Vocabulary

A table can help describe related sets of numbers.



| | | | | |
|-------|-----------|-----------|-----------|-----------|
| Set A | 1 | 3 | 6 | 7 |
| | +1 ↓ ↑ -1 | +1 ↓ ↑ -1 | +1 ↓ ↑ -1 | +1 ↓ ↑ -1 |
| Set B | 2 | 4 | 7 | 8 |

Set A is **one less** than Set B, or Set B is **one more** than Set A.



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Describe the relationship between Set A and Set B.

1.

| | | | | |
|-------|---|---|---|---|
| Set A | 1 | 2 | 3 | 4 |
| Set B | 2 | 3 | 4 | 5 |

Set A is one less than Set B.

2.

| | | | | |
|-------|---|---|---|---|
| Set A | 1 | 2 | 3 | 4 |
| Set B | 0 | 1 | 2 | 3 |

Set A is one more than Set B.

3.

| | | | | |
|-------|---|---|---|---|
| Set A | 4 | 6 | 7 | 9 |
| Set B | 3 | 5 | 6 | 8 |

Set A is one more than Set B.

4.

| | | | | |
|-------|---|---|---|---|
| Set A | 2 | 3 | 5 | 8 |
| Set B | 3 | 4 | 6 | 9 |

Set A is one less than Set B.

5.

| | | | | |
|-------|---|---|----|----|
| Set A | 6 | 7 | 10 | 13 |
| Set B | 5 | 6 | 9 | 12 |

Set A is one more than Set B.

6.

| | | | | |
|-------|---|----|----|----|
| Set A | 8 | 11 | 14 | 17 |
| Set B | 9 | 12 | 15 | 18 |

Set A is one less than Set B.

7.

| | | | | |
|-------|----|----|----|----|
| Set A | -8 | -6 | -3 | -1 |
| Set B | -7 | -5 | -2 | 0 |

Set A is one less than Set B.

8.

| | | | | |
|-------|----|----|---|---|
| Set A | -5 | -4 | 1 | 6 |
| Set B | -6 | -5 | 0 | 5 |

Set A is one more than Set B.

9. **TAXI CAB** The table shows the cost for riding in a taxi cab. Describe the relationship between the two sets of numbers.

The number of minutes is one less than the cost of the taxi ride.

| Number of Minutes | Cost |
|-------------------|------|
| 3 | \$4 |
| 5 | \$6 |
| 6 | \$7 |
| 8 | \$9 |