



Determina se la tabella mostrata rappresenta una funzione lineare (sì) o no (no).

**Risposte**

1)  $Y=9-X$

| X  | Y  |
|----|----|
| -1 | 10 |
| -2 | 11 |
| -7 | 16 |
| 0  | 9  |
| 1  | 8  |

2)  $Y=3 \times X - (X+6)$

| X   | Y   |
|-----|-----|
| -10 | -26 |
| -4  | -14 |
| -6  | -18 |
| 6   | 6   |
| 9   | 12  |

3)  $Y=-X-5$

| X  | Y   |
|----|-----|
| -1 | -4  |
| -6 | 1   |
| -9 | 4   |
| 3  | -8  |
| 9  | -14 |

4)  $Y=\sqrt{X}$

| X | Y     |
|---|-------|
| 0 | 0,000 |
| 1 | 1,000 |
| 2 | 1,414 |
| 3 | 1,732 |
| 9 | 3,000 |

5)  $Y=X+6$

| X   | Y  |
|-----|----|
| -10 | -4 |
| -8  | -2 |
| 2   | 8  |
| 7   | 13 |
| 8   | 14 |

6)  $Y=X/4$

| X  | Y      |
|----|--------|
| -8 | -2     |
| -9 | -2,250 |
| 0  | 0      |
| 5  | 1,250  |
| 6  | 1,500  |

7)  $Y=\sqrt{X-4}$

| X | Y     |
|---|-------|
| 5 | 1,000 |
| 6 | 1,414 |
| 7 | 1,732 |
| 8 | 2,000 |
| 9 | 2,236 |

8)  $Y=X^2+7$

| X   | Y   |
|-----|-----|
| -10 | 107 |
| -1  | 8   |
| 6   | 43  |
| 7   | 56  |
| 9   | 88  |

9)  $Y=7+X/2$

| X   | Y     |
|-----|-------|
| -10 | 2     |
| 0   | 7     |
| 2   | 8     |
| 3   | 8,500 |
| 5   | 9,500 |

10)  $Y=2^X+4$

| X  | Y     |
|----|-------|
| -2 | 4,250 |
| -8 | 4,004 |
| 1  | 6     |
| 3  | 12    |
| 5  | 36    |

11)  $Y=X/3 \times 6$

| X  | Y  |
|----|----|
| -1 | -2 |
| 2  | 4  |
| 6  | 12 |
| 7  | 14 |
| 9  | 18 |

12)  $Y=\sqrt{X+7}$

| X  | Y     |
|----|-------|
| -2 | 2,236 |
| -6 | 1,000 |
| 0  | 2,645 |
| 10 | 4,123 |
| 4  | 3,316 |

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



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6)  $Y=X/4$

| X  | Y      |
|----|--------|
| -8 | -2     |
| -9 | -2,250 |
| 0  | 0      |
| 5  | 1,250  |
| 6  | 1,500  |

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| X | Y     |
|---|-------|
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| 9  | 18 |

12)  $Y=\sqrt{X+7}$

| X  | Y     |
|----|-------|
| -2 | 2,236 |
| -6 | 1,000 |
| 0  | 2,645 |
| 10 | 4,123 |
| 4  | 3,316 |

**Risposte**

1. **si**

2. **si**

3. **si**

4. **no**

5. **si**

6. **si**

7. **no**

8. **no**

9. **si**

10. **no**

11. **si**

12. **no**