

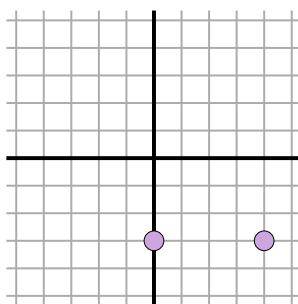


## Abstand in einem Koordinatensystem finden

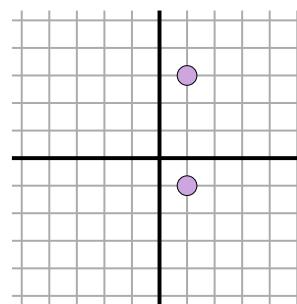
Name: \_\_\_\_\_

Finde die Distanz zwischen zwei Punkten.

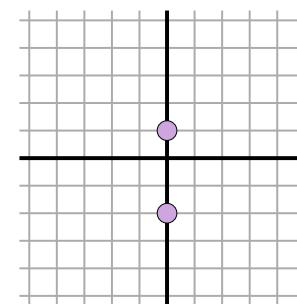
Bsp)



1)



2)

Antworten

Bsp. \_\_\_\_\_ 4

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

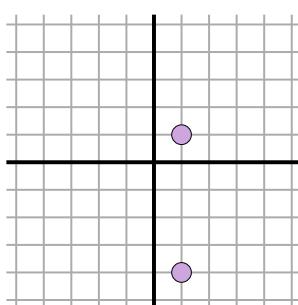
8. \_\_\_\_\_

9. \_\_\_\_\_

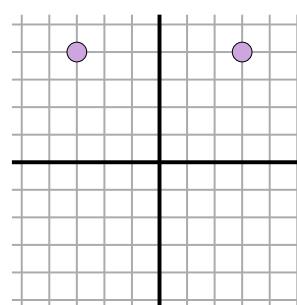
10. \_\_\_\_\_

11. \_\_\_\_\_

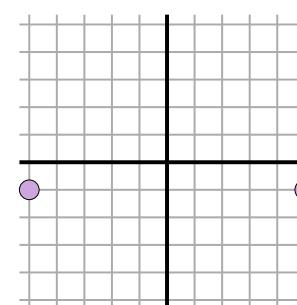
3)



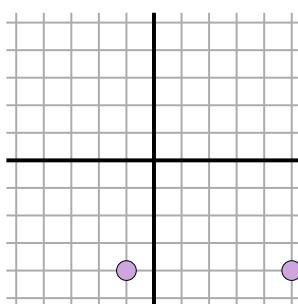
4)



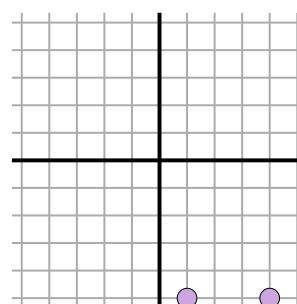
5)



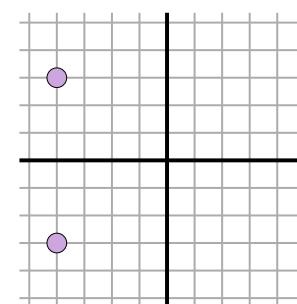
6)



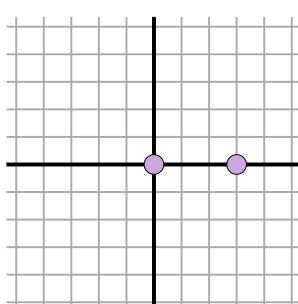
7)



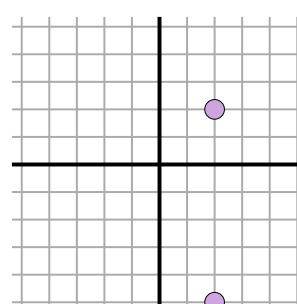
8)



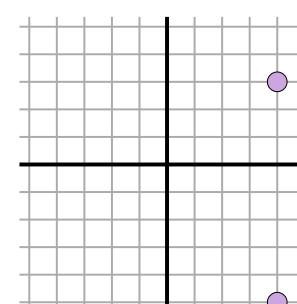
9)



10)



11)



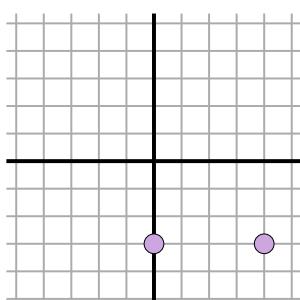
1-10	91	82	73	64	55	45	36	27	18	9
11	0									



## Abstand in einem Koordinatensystem finden

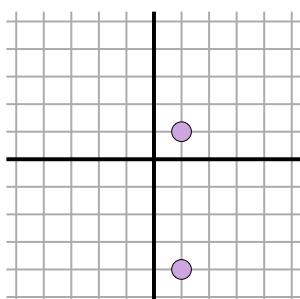
Name: **Lösungsschlüssel**

Finde die Distanz zwischen zwei Punkten.

**Bsp)**

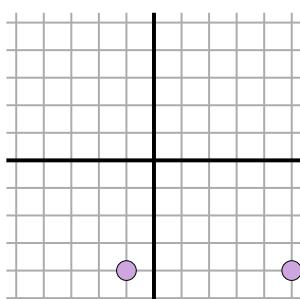
$$\sqrt{(0-4)^2 + (-3-3)^2}$$

$$\sqrt{(16) + (0)}$$

**3)**

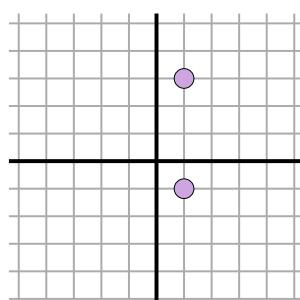
$$\sqrt{(1-1)^2 + (1-4)^2}$$

$$\sqrt{(0) + (25)}$$

**6)**

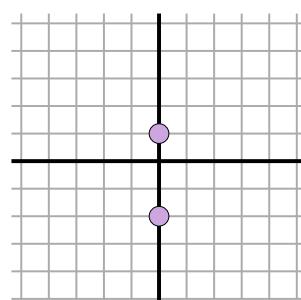
$$\sqrt{(-1-5)^2 + (-4-4)^2}$$

$$\sqrt{(36) + (0)}$$

**1)**

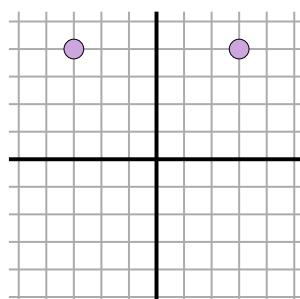
$$\sqrt{(1-1)^2 + (3-1)^2}$$

$$\sqrt{(0) + (16)}$$

**2)**

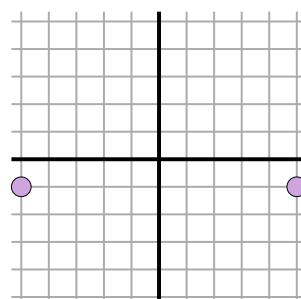
$$\sqrt{(0-0)^2 + (1-(-2))^2}$$

$$\sqrt{(0) + (9)}$$

**Antworten**Bsp. **4**1. **4**2. **3**3. **5**4. **6**5. **10**6. **6**7. **3**8. **6**9. **3**10. **7**11. **8****4)**

$$\sqrt{(-3-3)^2 + (4-4)^2}$$

$$\sqrt{(36) + (0)}$$

**5)**

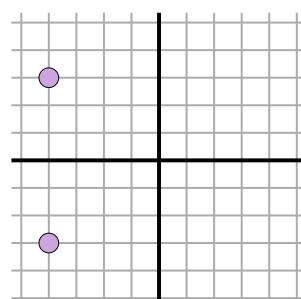
$$\sqrt{(-5-(-1))^2 + (-1-(-1))^2}$$

$$\sqrt{(100) + (0)}$$

**7)**

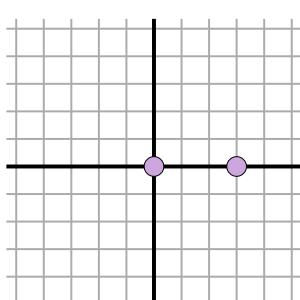
$$\sqrt{(1-4)^2 + (-5-(-5))^2}$$

$$\sqrt{(9) + (0)}$$

**8)**

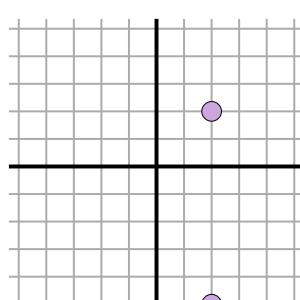
$$\sqrt{(-4-(-4))^2 + (-3-(-3))^2}$$

$$\sqrt{(0) + (36)}$$

**9)**

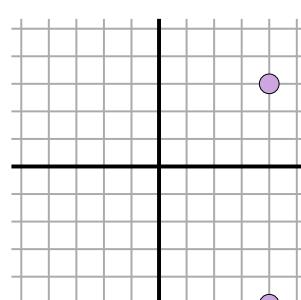
$$\sqrt{(0-3)^2 + (0-0)^2}$$

$$\sqrt{(9) + (0)}$$

**10)**

$$\sqrt{(2-2)^2 + (-5-(-2))^2}$$

$$\sqrt{(0) + (49)}$$

**11)**

$$\sqrt{(4-4)^2 + (3-(-5))^2}$$

$$\sqrt{(0) + (64)}$$

1-10	91	82	73	64	55	45	36	27	18	9
11	0									