



Name: _____

Date: _____

Translations

Solve for x . Show your work.

1. Translate $(-2, 2)$ by $(3, 4)$.

2. Translate $(0, 2)$ by $(3, 1)$.

3. Translate $(2, -2)$ by $(3, 3)$.

4. Translate $(1, 0)$ by $(-4, 3)$.

5. Translate $(2, 3)$ by $(3, -2)$.

6. Translate $(0, 2)$ by $(-4, 1)$.

7. Translate $(3, 0)$ by $(0, 2)$.

8. Translate $(0, 3)$ by $(-3, -3)$.



Translations – Answer Key

1. Translate $(-2, 2)$ by $(3, 4)$.
 $(1, 6)$

2. Translate $(0, 2)$ by $(3, 1)$.
 $(3, 3)$

3. Translate $(2, -2)$ by $(3, 3)$.
 $(5, 1)$

4. Translate $(1, 0)$ by $(-4, 3)$.
 $(-3, 3)$

5. Translate $(2, 3)$ by $(3, -2)$.
 $(5, 1)$

6. Translate $(0, 2)$ by $(-4, 1)$.
 $(-4, 3)$

7. Translate $(3, 0)$ by $(0, 2)$.
 $(3, 2)$

8. Translate $(0, 3)$ by $(-3, -3)$.
 $(-3, 0)$