Worksheet - Translations in a Coordinate Plane







9. C	om	nplete the following
a	a)	A reflection over $y = 6$ followed by a reflection over $y = 8$ result in a translation in the direction of UP DOWN LEFT RIGHT a total distacne of
b	c)	A reflection over $y = -4$ followed by a reflection over $y = 0$ result in a translation in the direction of UP DOWN LEFT RIGHT a total distacne of
c	C)	A reflection over $x = -3$ followed by a reflection over $x = 2$ result in a translation in the direction of UP DOWN LEFT RIGHT a total distacne of
с	d)	A reflection over $x = 5$ followed by a reflection over $y = -1$ result in a translation in the direction of UP DOWN LEFT RIGHT a total distacne of
10. (Со	mplete the following
10. (a	Co a)	If you wanted to translate a shape to the right 8 units, you could reflect over $x = 3$ and then $x = $
10. (Co a)	If you wanted to translate a shape to the right 8 units, you could reflect over $x = 3$ and then $x = $
10. (a	Co a) c)	If you wanted to translate a shape to the right 8 units, you could reflect over $x = 3$ and then $x =$ If you want to translate a shape down 6 unitls, you could reflect over $y = -3$ and then $y =$
10. (2 b	Co a) c)	If you wanted to translate a shape to the right 8 units, you could reflect over $x = 3$ and then $x =$ If you want to translate a shape down 6 unitls, you could reflect over $y = -3$ and then $y =$ If you wanted to translate a shape to the left 4 units, you could reflect over $x = -4$ and then $x =$
10. (2 t	Co a) c) d)	If you wanted to translate a shape to the right 8 units, you could reflect over x = 3 and then x = If you want to translate a shape down 6 unitls, you could reflect over y = -3 and then y = If you wanted to translate a shape to the left 4 units, you could reflect over x = -4 and then x = If you want to translate a shape up 12 unitls, you could reflect over y = 2 and then y =
10. (2 t	Co a) c) d)	If you wanted to translate a shape to the right 8 units, you could reflect over $x = 3$ and then $x =$ If you want to translate a shape down 6 unitls, you could reflect over $y = -3$ and then $y =$ If you wanted to translate a shape to the left 4 units, you could reflect over $x = -4$ and then $x =$ If you want to translate a shape up 12 unitls, you could reflect over $y = 2$ and then $y =$