



Math worksheet on 'Cartesian Grid - Distance as Radical Between Coordinates (Angle) (Level 1)'.
Part of a broader unit on 'Cartesian Grid Distance - Intro'

Learn online: app.mobius.academy/math/units/cartesian_grid_distance_intro/

1 Find the distance between the given (x,y) points

a	b	c
$\sqrt{20}$	$\sqrt{15}$	$\sqrt{13}$
d	e	f
$\sqrt{7}$	$\sqrt{4}$	$\sqrt{5}$

Point A:(0, 1)
Point B:(3, 3)

2 Find the distance between the given (x,y) points

a	b	c
$\sqrt{10}$	$\sqrt{19}$	$\sqrt{15}$
d	e	f
$\sqrt{12}$	$\sqrt{18}$	$\sqrt{7}$

Point A:(2, 3)
Point B:(5, 4)

3 Find the distance between the given (x,y) points

a	b	c
$\sqrt{13}$	$\sqrt{5}$	$\sqrt{2}$
d	e	f
$\sqrt{8}$	$\sqrt{9}$	$\sqrt{4}$

Point A:(1, 2)
Point B:(3, 3)

4 Find the distance between the given (x,y) points

a	b	c
$\sqrt{29}$	$\sqrt{17}$	$\sqrt{21}$
d	e	f
$\sqrt{9}$	$\sqrt{15}$	$\sqrt{25}$

Point A:(1, 0)
Point B:(4, 4)

5 Find the distance between the given (x,y) points

a	b	c
$\sqrt{6}$	$\sqrt{14}$	$\sqrt{7}$
d	e	f
$\sqrt{3}$	$\sqrt{5}$	$\sqrt{11}$

Point A:(1, 0)
Point B:(3, 1)

6 Find the distance between the given (x,y) points

a	b	c
$\sqrt{1}$	$\sqrt{8}$	$\sqrt{10}$
d	e	f
$\sqrt{15}$	$\sqrt{14}$	$\sqrt{5}$

Point A:(2, 1)
Point B:(3, 4)

7 Find the distance between the given (x,y) points

a	b	c
$\sqrt{19}$	$\sqrt{10}$	$\sqrt{25}$
d	e	f
$\sqrt{22}$	$\sqrt{18}$	$\sqrt{9}$

Point A:(2, 2)
Point B:(5, 5)