Math worksheet on *'Cartesian Grid - Distance as Radical Between Coordinates (Angle) (Level 3)'*. Part of a broader unit on *'Pythagoras - Practice'*

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

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

Point A:(3, 0)
Point B:(0, 5)

a	b	c
$\sqrt{52}$	$\sqrt{31}$	$\sqrt{34}$
d	**e**	**f**
$\sqrt{46}$	$\sqrt{58}$	$\sqrt{55}$

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

Point A:(0, 1)
Point B:(1, −2)

a	b	c	d	e	f
$\sqrt{9}$	$\sqrt{6}$	$\sqrt{10}$	$\sqrt{2}$	$\sqrt{4}$	$\sqrt{11}$

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

Point A:(0, 3)
Point B:(5, −3)

a	b	c	d	e	f
$\sqrt{97}$	$\sqrt{61}$	$\sqrt{79}$	$\sqrt{43}$	$\sqrt{19}$	$\sqrt{85}$

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

Point A:(−2, 3)
Point B:(−3, 1)

a	b	c	d	e	f
$\sqrt{5}$	$\sqrt{4}$	$\sqrt{12}$	$\sqrt{2}$	$\sqrt{7}$	$\sqrt{10}$

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

Point A:(3, 5)
Point B:(−2, 2)

a	b	c	d	e	f
$\sqrt{52}$	$\sqrt{43}$	$\sqrt{34}$	$\sqrt{13}$	$\sqrt{28}$	$\sqrt{46}$

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

Point A:(−1, 5)
Point B:(0, 0)

a	b	c	d	e	f
$\sqrt{10}$	$\sqrt{6}$	$\sqrt{34}$	$\sqrt{12}$	$\sqrt{26}$	$\sqrt{22}$

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

Point A:(3, 4)
Point B:(0, 5)

a	b	c
$\sqrt{12}$	$\sqrt{16}$	$\sqrt{10}$
d	**e**	**f**
$\sqrt{5}$	$\sqrt{6}$	$\sqrt{17}$