Math worksheet on *'Cartesian Grid - Distance as Radical Between Coordinates (Angle) (Level 2)'*. Part of a broader unit on *'Pythagoras - Practice'*

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

Point A:$(1, -1)$
Point B:$(5, 2)$

a	b	c	d	e	f
$\sqrt{29}$	$\sqrt{9}$	$\sqrt{19}$	$\sqrt{33}$	$\sqrt{23}$	$\sqrt{25}$

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

Point A:$(1, 1)$
Point B:$(5, 3)$

a	b	c	d	e	f
$\sqrt{20}$	$\sqrt{6}$	$\sqrt{38}$	$\sqrt{4}$	$\sqrt{18}$	$\sqrt{10}$

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

Point A:$(-3, 3)$
Point B:$(1, 4)$

a	b	c	d	e	f
$\sqrt{13}$	$\sqrt{16}$	$\sqrt{24}$	$\sqrt{17}$	$\sqrt{9}$	$\sqrt{10}$

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

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

a	b	c	d	e	f
$\sqrt{8}$	$\sqrt{5}$	$\sqrt{4}$	$\sqrt{2}$	$\sqrt{10}$	$\sqrt{9}$

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

Point A:$(-1, 3)$
Point B:$(1, 5)$

a	b	c	d	e	f
$\sqrt{9}$	$\sqrt{15}$	$\sqrt{17}$	$\sqrt{7}$	$\sqrt{12}$	$\sqrt{8}$

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

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

a	b	c	d	e	f
$\sqrt{10}$	$\sqrt{2}$	$\sqrt{19}$	$\sqrt{12}$	$\sqrt{6}$	$\sqrt{9}$

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

Point A:$(4, 0)$
Point B:$(5, 1)$

a	b	c	d	e	f
$\sqrt{7}$	$\sqrt{2}$	$\sqrt{8}$	$\sqrt{6}$	$\sqrt{4}$	$\sqrt{1}$