

1

$x=15, y=45$

2

$AB=CD=13$
 $BC=AD=33$

12

$x=6, y=8$

14

$x=7, y=10$

17

$m\angle 1=38^\circ, m\angle 2=32^\circ$
 $m\angle 3=110^\circ$

19

$m\angle 1=95^\circ, m\angle 2=37^\circ$
 $m\angle 3=37^\circ$

25

D

5

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$x=21, y=39$

6

$x=2, y=6$

7

5

8

$x=15, y=25$

9

$x=3, y=11$

# <u>10</u> 24	# <u>12</u> Yes, Both pairs of opposite sides \cong	# <u>13</u> No, only one diagonal is bisected.
# <u>14</u> Yes, both pairs of opposite \angle 's \cong	# <u>18</u> A	# <u>19</u> F
# _____	# _____	# _____
# _____	# _____	# _____