4-14-14
5th Geo

28 × 24 = 672
            672

36 × 24 = 864
            864
─────────────────
Total S.A = 3072 ft^2

Subtract
  windows →
  door   →
─────────────────
            276 ft^2

3072
- 276
─────────
2796 ft^2 × 7 gallons
─────
400
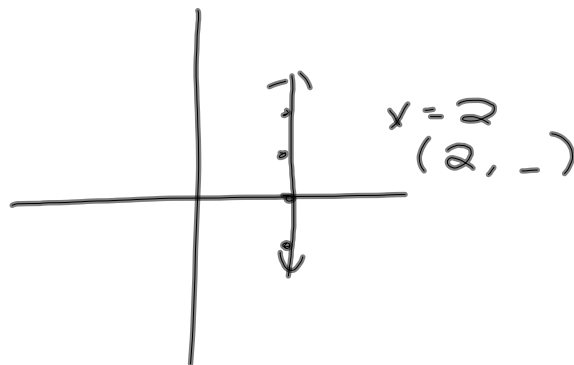
─────────────────────────────

Symmetry

x = 2
(2, _)

If A = (2, 5) and is
reflected over the line
y = -1, where is A'?

A
5 ┤   ●
      6
      y = -1
A' (2, -7)

If A = (2,5) and is
reflected over the line
X = 3 , where is A'?

(2,5)   A'
5 — o   o (4,5)
              A'

2

If A = (-1,4) and is
reflected over the line
y = -3 , where is A'?

-4

7

y=-3

A'
(-1,-10)
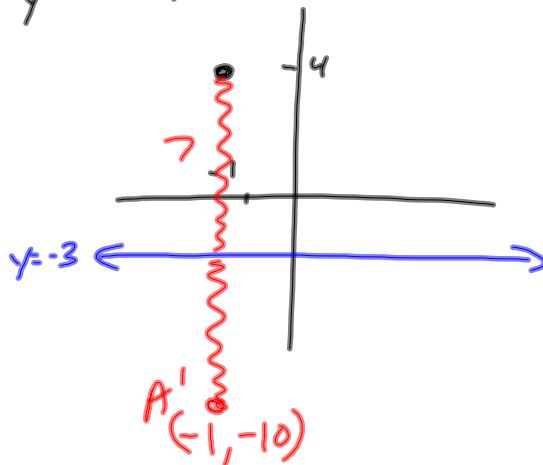
If A = (-2,-2) and is
reflected over the line
X = 3 , where is A'?

X=3

. 2

A o   5   5   o
    -2   (8,-2)
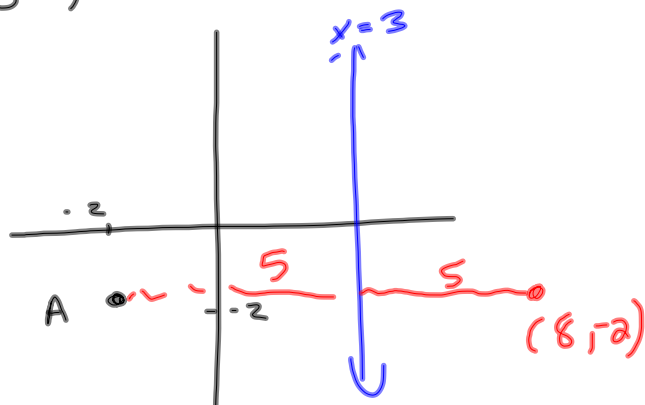
If $A = (2, -10)$ and is
reflected over the
y-axis, where is A'?

A' 2   2
(-2, -10)   A

Rotational (Point) Symmetry

Z N
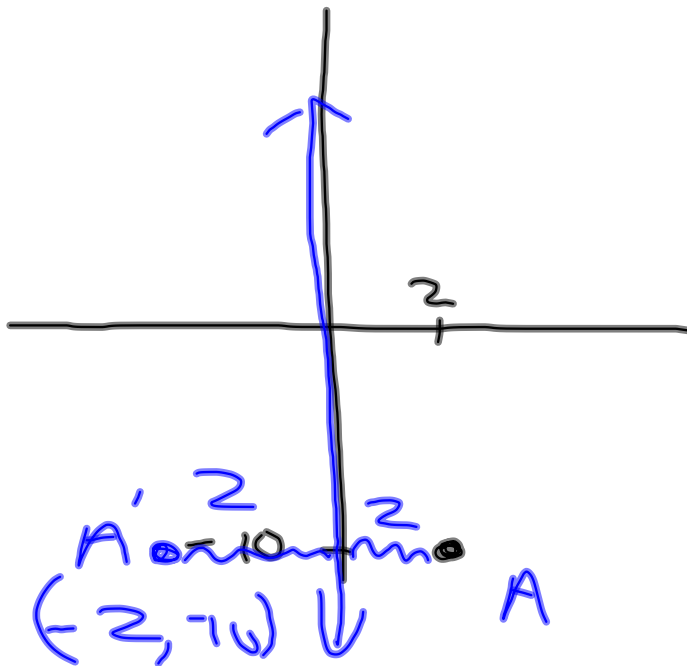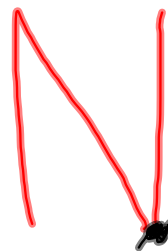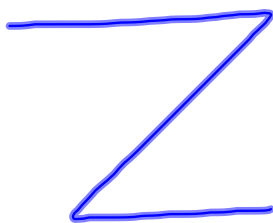
4-14-14
6th Geo

Hickam Proof

House area

$28 \times 24 = 672$

672

$36 \times 24 = 864$

864

$\overline{\qquad\qquad}$

3072 ft^2

Windows →
Door →
$\overline{\qquad\qquad}$

276 ft^2

that doesn't
need paint

3072

$- 276$

$\overline{\qquad\qquad}$

2796 ft^2

400

≈ 7 cans of paint

RQ #4

G   T

13   2   15   = 30

15   17
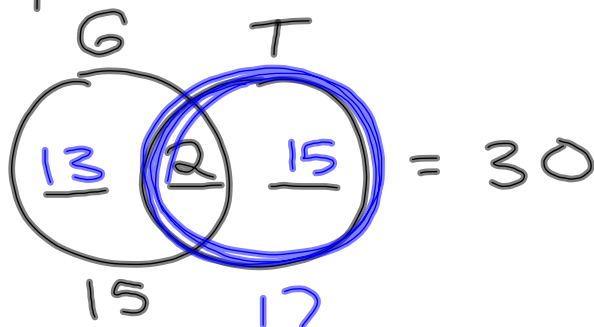
Symmetry

If $A = (2,5)$ and is
reflected over the line
$y = -1$, where is A'?

5 ⟍ A

6

X

$y = -1$

Y

A' $(2, -7)$

If $A = (2,5)$ and is
reflected over the line
$y = 3$, where is A'?

A

5 ⟍
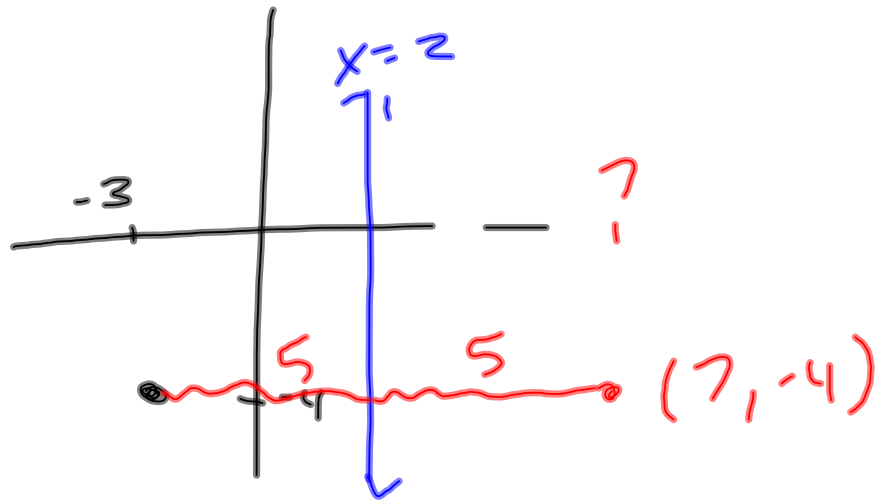
2

$y=3$

A' 2 $(2, 1)$

2
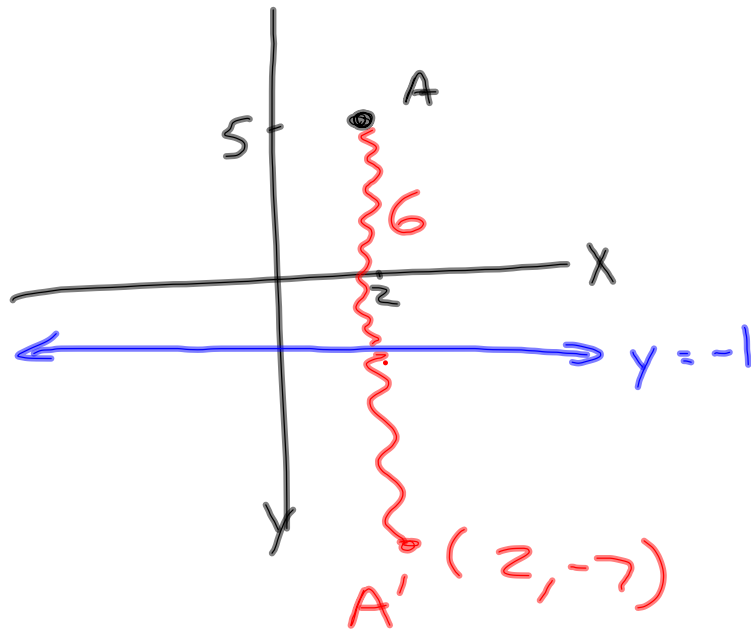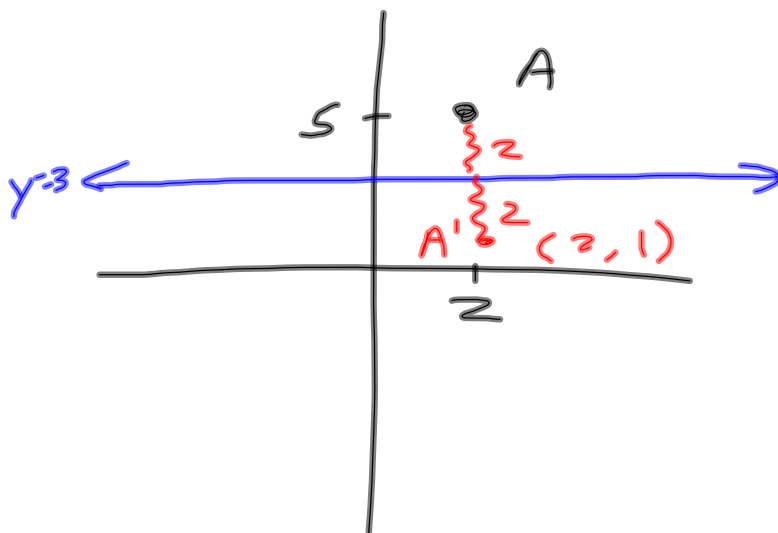
If A = (1, 7) and is
reflected over the line
y = 4, where is A'?

A

7 — A
3
3
(1, 1)

4
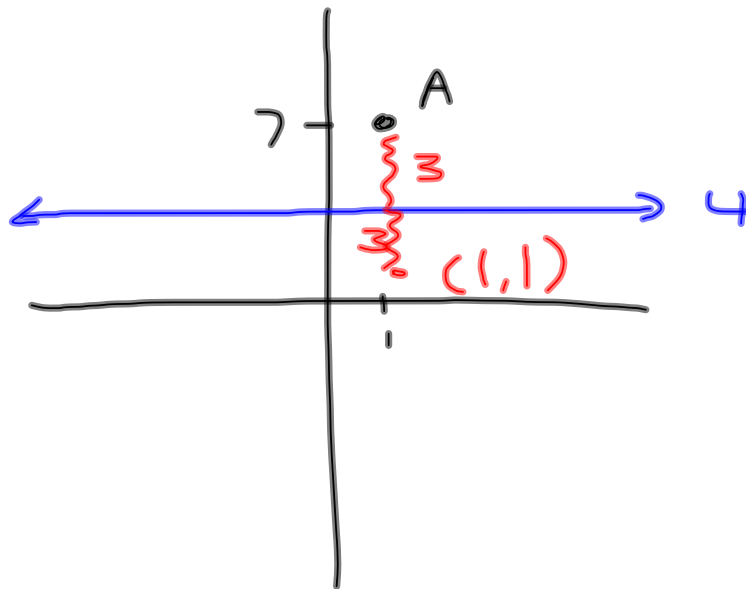
If A = (2, 5) and is
reflected over the line
x = 6, where is A'?

x = 6

4   4   (10, 5)

5 — A

2

10
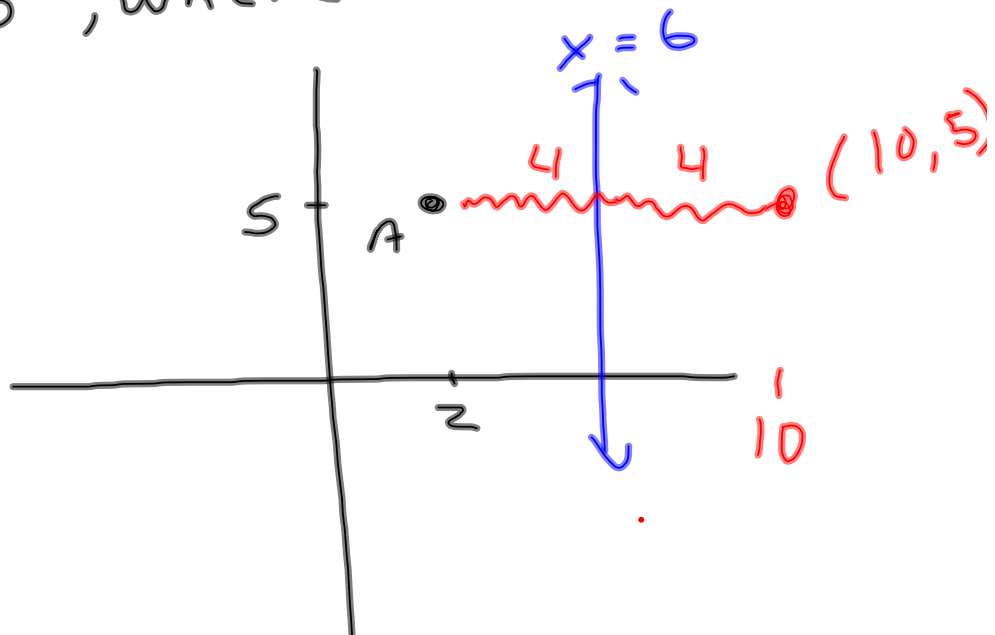
If A = (-3, -4) and is
reflected over the line
x = 2, where is A'?

x = 2

-3

?

5   5

(7, -4)

If A = (-1, 6) and is
reflected over the
x-axis, where is A'?

-6

(-1, -6)

7

Rotational (Point) Symmetry

Z   N

S

8 O