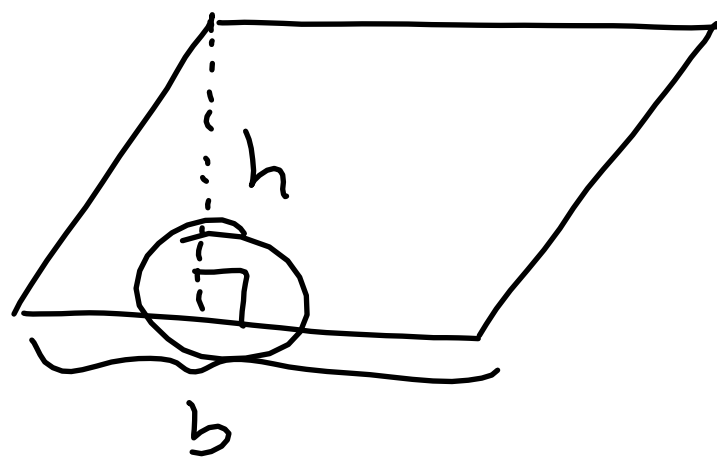
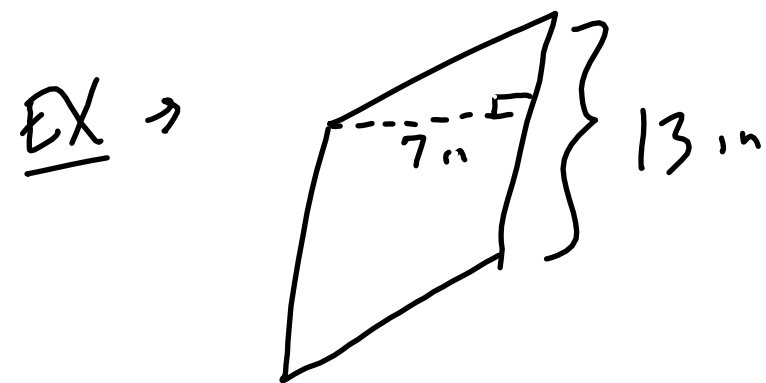


Area of Parallelograms / Triangles

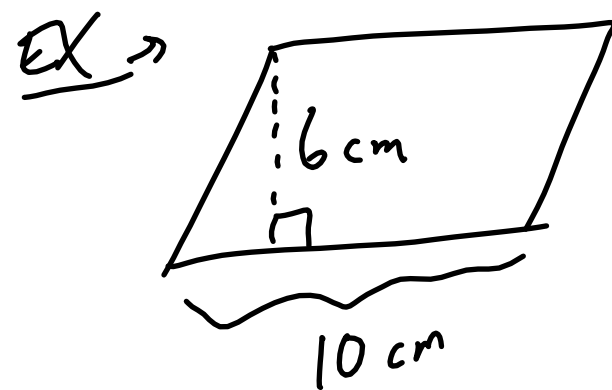


$$A = b \cdot h$$

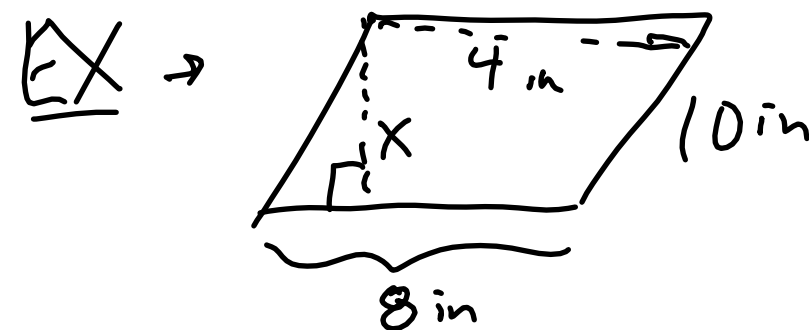


$$A = 7 \cdot 13 = 91 \text{ in}^2$$

in · in



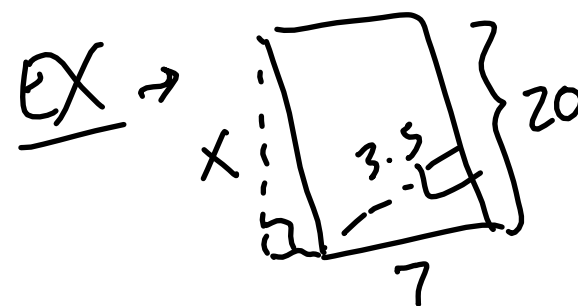
$$A = 6 \text{ cm} \cdot 10 \text{ cm} = 60 \text{ cm}^2$$



$$A = 10 \cdot 4 = 40 \text{ in}^2$$

$$8x = 40$$

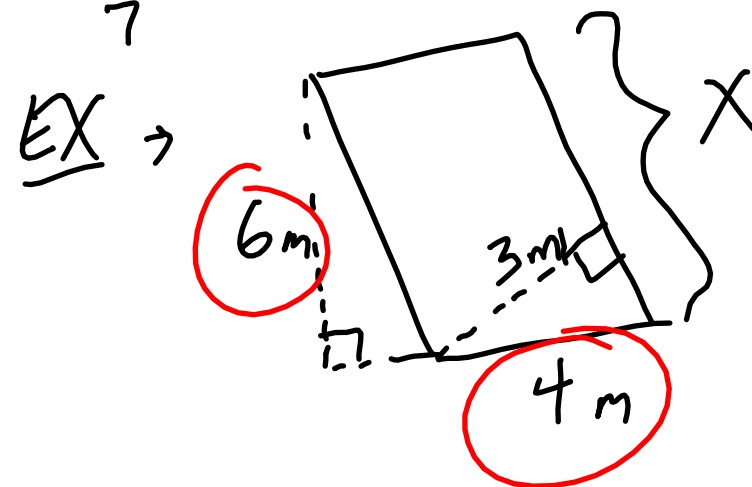
$$x = 5 \text{ in}$$



$$A = 3.5 \cdot 20 = 70 \text{ u}^2$$

$$7x = 70$$

$$x = 10 \text{ u}$$

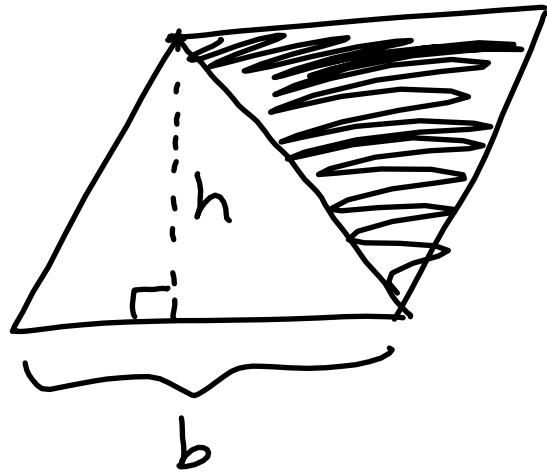


$$A = 6 \text{ m} \cdot 4 \text{ m} = 24 \text{ m}^2$$

$$3x = 24$$

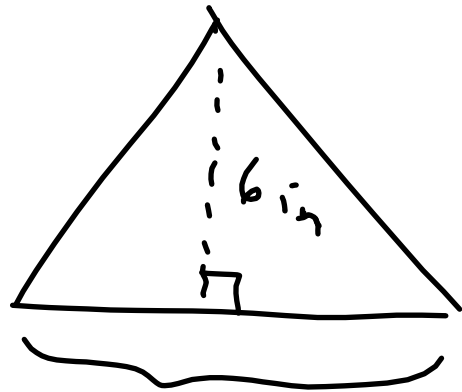
$$x = 8 \text{ m}$$

Triangles



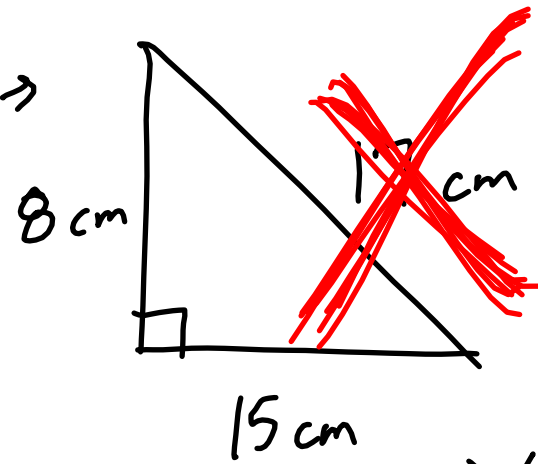
$$A = \frac{1}{2} b \cdot h$$

EX →



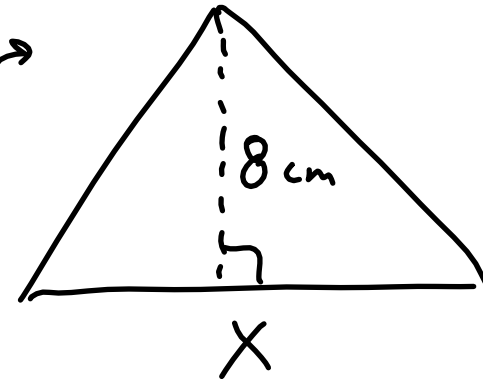
$$A = \frac{1}{2} (10 \text{ in})(6 \text{ in})$$
$$= 30 \text{ in}^2$$

EX →



$$A = \frac{1}{2} (8 \text{ cm})(15 \text{ cm})$$
$$= 60 \text{ cm}^2$$

EX →



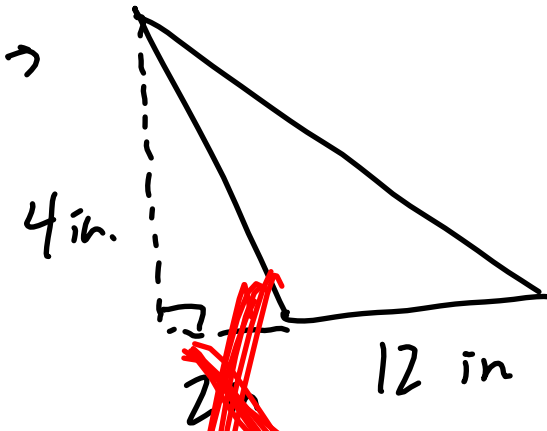
$$A = 80 \text{ cm}^2$$

$$80 \text{ cm}^2 = \frac{1}{2} X \cdot 8$$

$$80 = 4X$$

$$X = 20 \text{ cm}$$

EX →



$$A = \frac{1}{2} (12 \text{ in})(4 \text{ in})$$
$$= 24 \text{ in}^2$$

HW: p. 619 → 8-20, 24-30 even, 42-46 even