

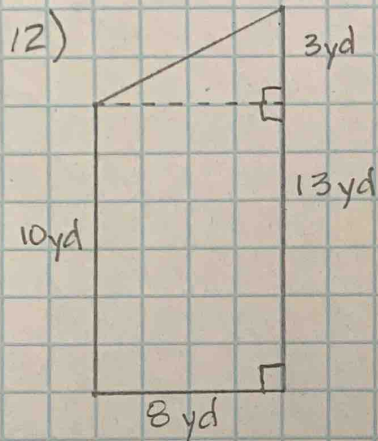
SECTION 7.3

BEN WILSON

PER 3

5/2/20

#12, 13, 19, 21, 22, 26, 27, 33



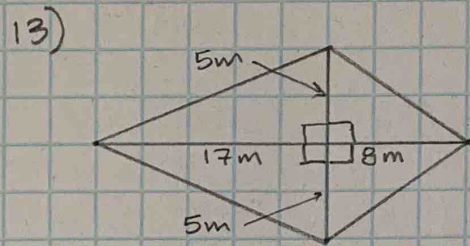
A = RECTANGLE + TRIANGLE

$$A = bh + \frac{1}{2}bh$$

$$A = (8)(10) + \frac{1}{2}(8)(3)$$

$$A = 80 + 12$$

$$A = 92 \text{ yd}^2$$



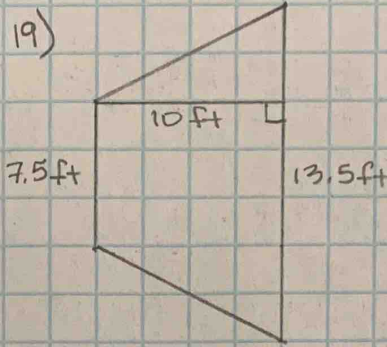
A = TRIANGLE + TRIANGLE

$$A = \frac{1}{2}bh + \frac{1}{2}bh$$

$$A = \frac{1}{2}(10)(17) + \frac{1}{2}(10)(8)$$

$$A = 85 + 40$$

$$A = 125 \text{ m}^2$$

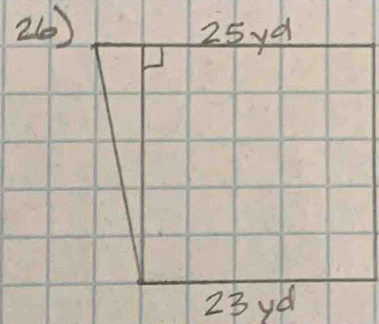


$$A = \frac{1}{2}h(b_1 + b_2)$$

$$A = \frac{1}{2}(10)((13.5) + (7.5))$$

$$A = 5(21)$$

$$A = 105 \text{ ft}^2$$



$$A = 600 \text{ yd}^2$$

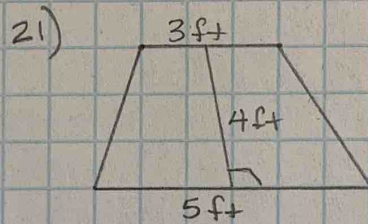
$$A = \frac{1}{2}h(b_1 + b_2)$$

$$600 = \frac{1}{2}h((23) + (25))$$

$$600 = \frac{1}{2}h(48)$$

$$\frac{600}{24} = \frac{24h}{24}$$

$$h = 25 \text{ yd}$$

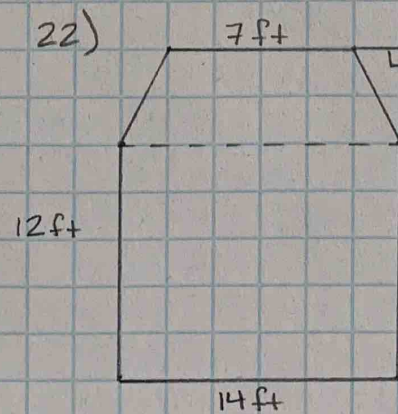


$$A = \frac{1}{2}h(b_1 + b_2)$$

$$A = \frac{1}{2}(4)((3) + (5))$$

$$A = 2(8)$$

$$A = 16 \text{ ft}^2$$



A = TRAPEZOID + RECTANGLE

$$A = \frac{1}{2}h(b_1 + b_2) + bh$$

$$A = \frac{1}{2}(5)((14) + (7)) + (14)(12)$$

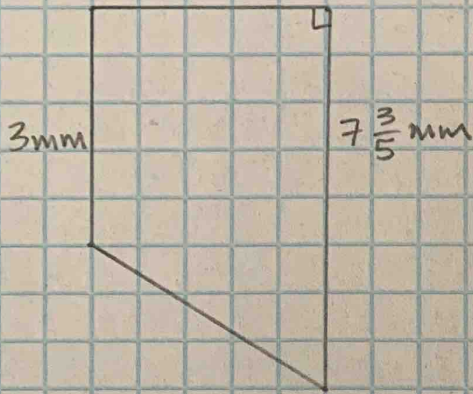
$$A = 2.5(21) + 168$$

$$A = 52.5 + 168$$

$$A = 220.5 \text{ ft}^2$$

27, 33

27) AREA = $21\frac{1}{5} \text{ mm}^2$



$$10\frac{3}{5} \cdot \frac{1}{2}$$

$$\frac{10}{53} \cdot 21\frac{1}{5}$$

$$\frac{53}{5} \cdot \frac{1}{2}$$

$$\frac{210}{53} \cdot \frac{106}{8}$$

$$\frac{53}{10}$$

4

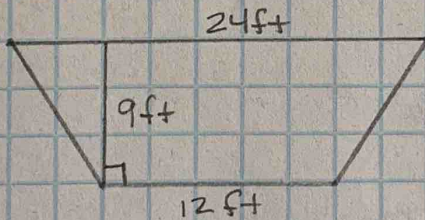
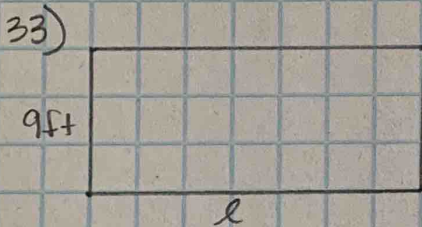
$$A = \frac{1}{2} h (b_1 + b_2)$$

$$21\frac{1}{5} = \frac{1}{2} h ((3) + (7\frac{3}{5}))$$

$$21\frac{1}{5} = \frac{1}{2} h (10\frac{3}{5})$$

$$\frac{10}{53} [21\frac{1}{5}] = [\frac{53}{10} h] \frac{10}{53}$$

$h = 4 \text{ mm}$



$$A = \frac{1}{2} h (b_1 + b_2)$$

$$A = \frac{1}{2} (9) ((12) + (24))$$

$$A = 4.5 (36)$$

$$A = 162 \text{ ft}^2$$

$$A = bh$$

$$A = (l)(9)$$

$$\frac{162}{9} = \frac{9l}{9}$$

$l = 18$