

SoreDancers

1. 83
2. 10.7
3. 1.61616
4. 1026.77
5. 2y 1' 3"
6. 110.23
7. 15'9"
8. 105.41

Notes Apr 5

Converting Imperial to metricMetric Only

$$10\text{mm} = 1\text{cm}$$

$$100\text{cm} = 1\text{m}$$

$$1000\text{m} = 1\text{km}$$

Imperial \rightarrow metric

$$1\text{ inch} = 2.54\text{cm}$$

$$1\text{ foot} = 30.48\text{cm}$$

$$1\text{ foot} = 0.3048\text{m}$$

$$1\text{ yard} = 91.44\text{cm}$$

$$1\text{ yard} = 0.9144\text{m}$$

$$1\text{ mile} = 1.609\text{km}$$

Convert 3 yards into metres.

$$3\text{ yards} \times \frac{0.9144\text{m}}{1\text{ yards}}$$

$$2.7432\text{m}$$

Convert 62cm into feet

$$62\text{cm} \times \frac{1\text{ ft}}{30.48\text{cm}}$$

$$2.034\text{ft}$$

Difficult:

Convert 17 km into feet.

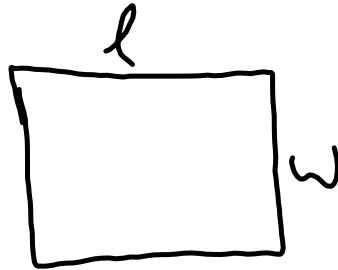
$$17 \text{ km} \times \frac{1 \text{ mi}}{1.609 \text{ km}} \times \frac{5280 \text{ feet}}{1 \text{ mi}}$$

$$55786.20 \text{ ft}$$

2d Area Review

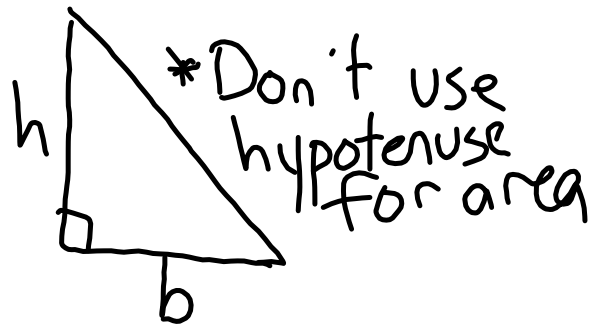
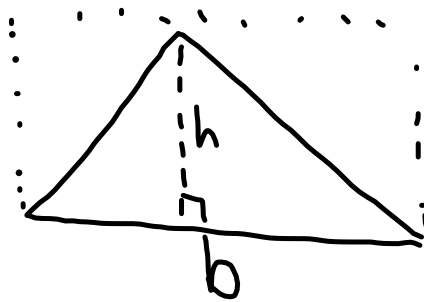
Rectangle

$$A = l \cdot w$$

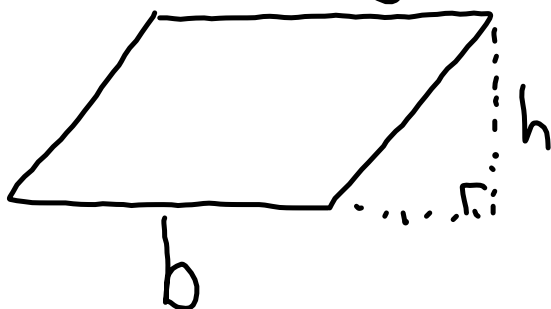


Triangle

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

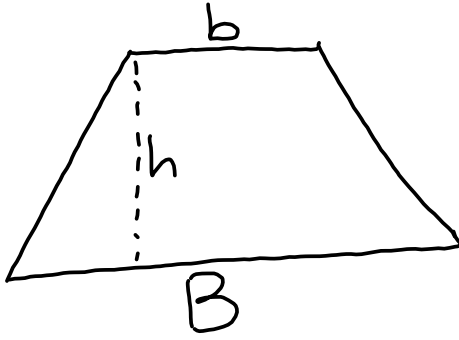


Parallelogram

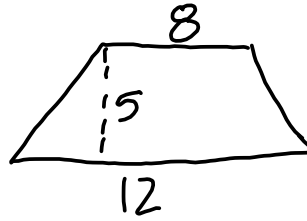


$$A = b \cdot h$$

Trapezoid

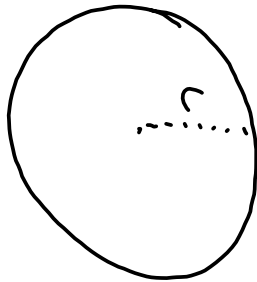


$$A = \frac{(b+B)}{2} \cdot h$$

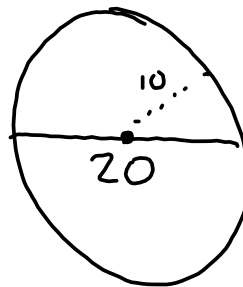


$$\frac{(8+12)}{2} \cdot 5$$

Circle



$$A = \pi \cdot r^2$$



$$\uparrow \cdot 10^2$$