Answers to <u>Measurement</u>

1.
a) ΔEFD b) side BC   c) side DF   d) angle F   e) angle E
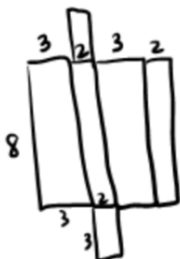
2.
a) 6 units   b) side a=9.8cm, side b=7cm   c) side x=2units, side y=16units   d) side w=17.5units

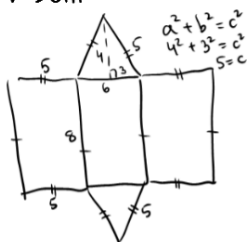3. 2.7meters   4. 9.6meters

5.

6. SA=92cm^2

7. SA=628cm^2 8. V=1177.5cm^3

9. V=2616.7cm^3 10. V=3052.1cm^3

11.

a. V=96m^3

b.   c. slanted height=5m

d. SA=2(triangles) +2(rectangles for sides) + 1(rectangle for front)=2($\frac{1}{2}$ 6*4)+2(8*5)+1(8*6)=152m^2 e. SA=1 520 000cm^2

12.
a. 12 000m   b. 0.0095kg   c. 40mL
d. 261 ft^2 e. 91.44cm   f. 46.875miles