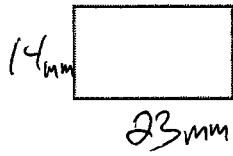


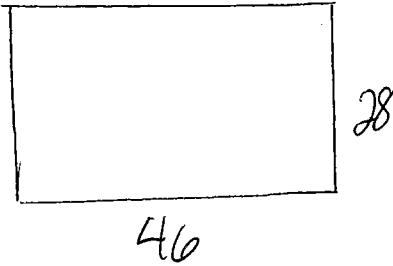
Similar Figures. Show all your measurements and calculations.

1. Draw a $\frac{2}{1}$ scale drawing.



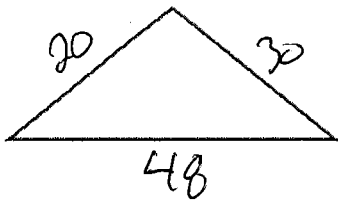
$$14 \times 2 = 28$$

$$23 \times 2 = 46$$



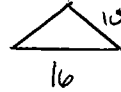
smaller

2. Draw a $\frac{1}{3}$ scale drawing.

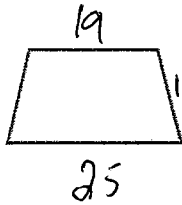


$$48 \div 3 = 16$$

$$30 \div 3 = 10$$



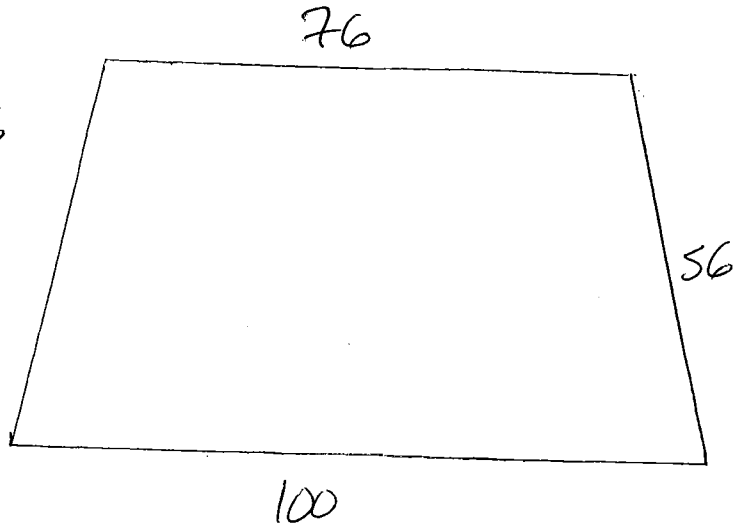
3. Draw a 4:1 scale drawing



$$19 \times 4 = 76$$

$$14 \times 4 = 56$$

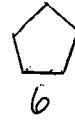
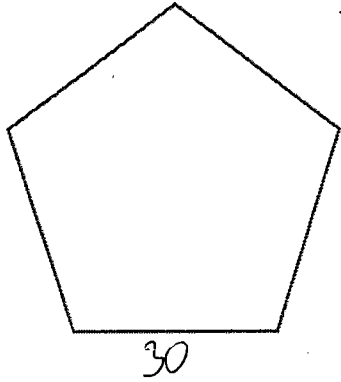
$$25 \times 4 = 100$$



smaller

4. Draw a 1:5 scale drawing.

$$30 \div 5 = 6$$



5. Draw a 3:4 scale drawing

25



44

→ 3x bigger

- AND THEN -

4x smaller

- OR -

$$\times \frac{3}{4}$$

$$\times 0.75$$

$$44 \times .75 = 33$$

$$25 \times .75 = 18.75$$

