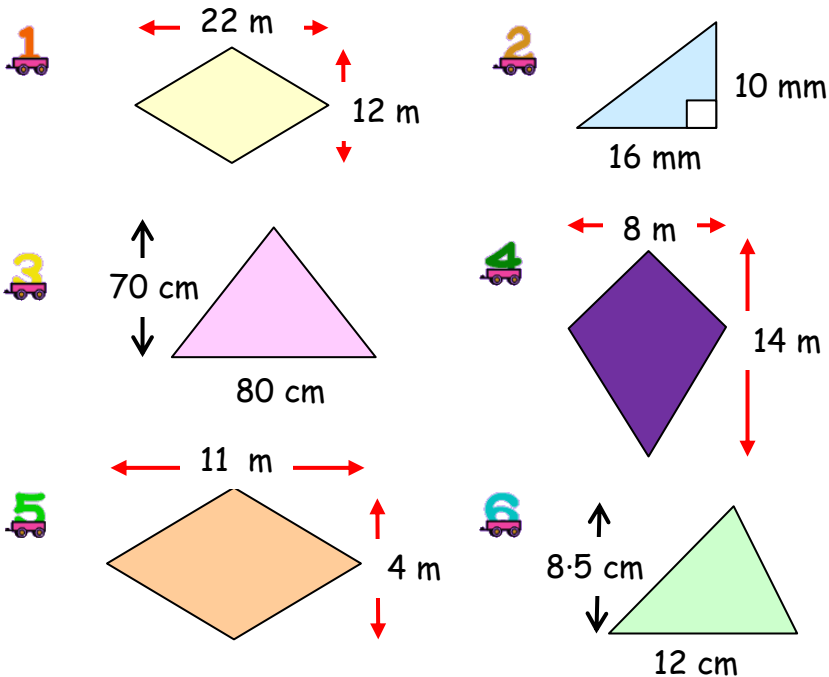**MNU 4-11a** Homework 3 **Silver** Level

Outcome 1

Area of a triangle, kite and rhombus

Calculate the areas of the following shapes…

1 ← 22 m → 12 m

2 10 mm 16 mm

3 70 cm 80 cm

4 ← 8 m → 14 m

5 ← 11 m → 4 m

6 8·5 cm 12 cm

Unit	Abbrev.	Metric
inch	in or "	2·54 cm
foot	ft or '	30·48 cm
yard	yd	91·44 cm
mile	mi or m	1·61 km

Conversion tables…

Unit	Abbrev.	Metric
ounce	oz	28·35 g
pound	lb	453·59 g
stone	st	6·35 kg

Outcome 2 - Imperial Measures - Length

Change the following units of length…

1 A rocking chair is 27 inches tall. How many centimetres is this?

2 The Millennium Stadium's pitch is 86 yards wide. How wide is this in centimetres?

3 The height of the White House is 70 feet. How many centimetres is this?

4 The distance from Glasgow to Tokyo is 5761 miles. What is this in kilometres?

Outcome 3 - Imperial Measures - Weight

Change the following units of weight…

1 A can of soup contains 14 oz. What is this weight in grams?

2 A grizzly bear weighs 600 lbs. What is this weight in grams?

3 A suitcase weighs 4 st. How many kilograms is this?

4 A new car weighs 4278 lbs. How much is this weight in grams?