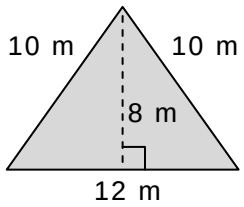
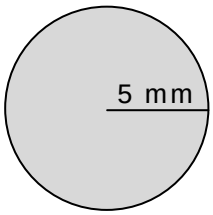
Basic Measurement Practice #1

1.



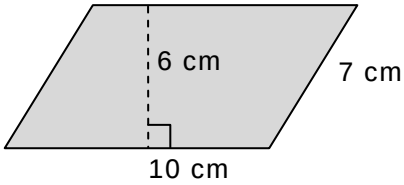
Area = ... Perimeter = ...

2.



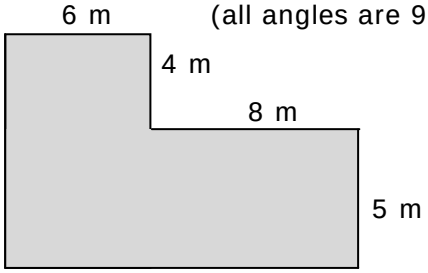
Area = ... Perimeter = ...

3.



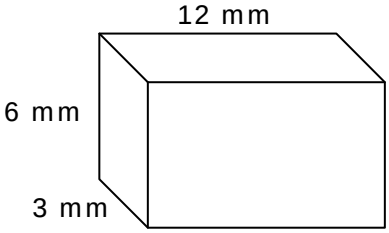
Area = ... Perimeter = ...

4.



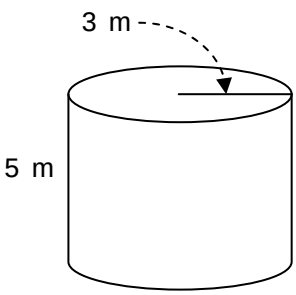
Area = ... Perimeter = ...

5.



Volume = ... Surface Area = ...

6.



Volume = ... Surface Area = ...

Answers: Basic Measurement Practice #1

	Area	Perimeter
1.	½ × base × height ½ × 12 × 8 = **48 m²**	all sides added together 10 + 10 + 12 = **32 m**
2.	π × radius² π × 5² = **78.54 mm²**	π × diameter π × 10 = **31.42 mm**
3.	base × height (at 90°) 10 × 6 = **60 cm²**	all sides added together 10 + 7 + 10 + 7 = **34 cm**
4.	divide into two rectangles  6 × 9 + 8 × 5 = **94 m²** **or** big rectangle – little rectangle  9 × 14 – 8 × 4 = **94 m²**	all sides added together 6 + 4 + 8 + 5 + 14 + 9 = **46 m**

	Volume	Surface Area
5.	base × height × depth 3 × 6 × 12 = **216 mm³**	6 sides, all base × height (3 × 6) + (3 × 12) + (6 × 12) + (3 × 6) + (3 × 12) + (6 × 12) = **252 m²**
6.	base area (π × radius²) × depth π × 3² × 5 = **141.37 m³**	two circles + one side (perimeter × depth) 2 × (π × 3²) + (π × 6) × 5 = **150.80 m²**

Remember to check units as well as the number answer