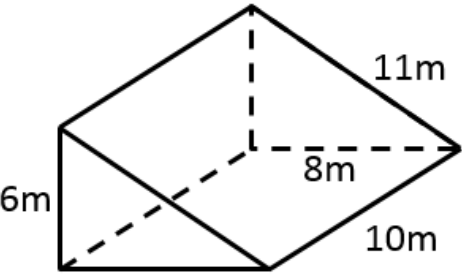


Calculate the volume and surface area of the shape below



Convert the following into standard form;

- (a) 3470
- (b) 0.5
- (c) 6.8

Calculate the mode, range and median from the stem and leaf below;

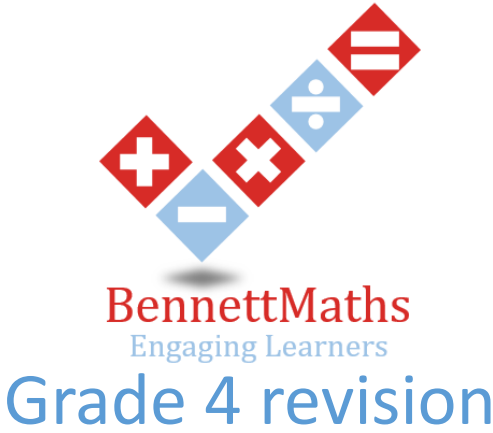
Stem	Leaf
8	0 0 0 4
9	3 5 5 6 8
10	2 3 6
11	0 5

Find the HCF of;

- (a) 15 and 25
- (b) 32 and 64
- (c) 50 and 125

Find the LCM of;

- (a) 5 and 8
- (b) 12 and 18
- (c) 30 and 50



Use trial and improvement to find the value of x to 1 decimal place for $x^3 + 3 = 65$

Use trial and improvement to find the value of x to 1 decimal place for $x^2 + 1 = 94$

Calculate the probability of rolling the following on a dice

- (a) A square number
- (b) A prime number
- (c) A number greater than 6

Convert;

- (a) 2 cm² into mm²
- (b) 40mm² into cm²
- (c) 5m² into cm²

Calculate the nth term for each of the sequences below;

- (a) 2, 4, 6, 8, 10
- (b) 11, 14, 17, 20
- (c) 23, 19, 15, 11, 7