1) What is the value of $8^{\frac{1}{2}}$?

2) Solve $x^2 - 7x + 12 = 0$

3) Complete the table.

Age (years)	Frequency	Cumulative Frequency
$0 \leq y \leq 10$	12	
$10 < y \leq 18$		21
$18 < y \leq 25$		35
$25 < y \leq 40$	19	
$40 < y \leq 60$	13	

4) Simplify $\sqrt{150}$.

5) What is the Volume of the following shape?

8 cm
5 cm
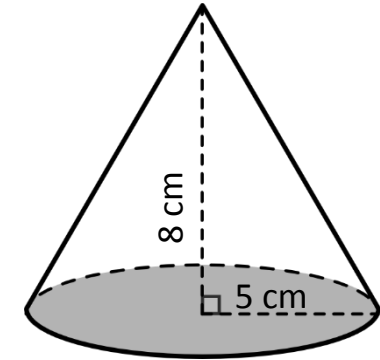
6) Concrete dry mix is made by mixing spades of cement, gravel and sand together in the ratio 2:5:4. John has 22.5 spades of gravel. How much cement and sand does he have?