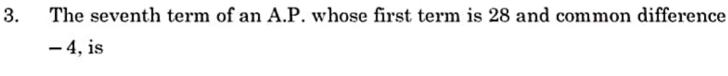


 $\pi r^3$ 

(d)

(c)  $9 \, \pi r^3$ 



(a) 0

(b) 4

(c) 52

(d) 56

4. The prime factorisation of 432 is:

(a)  $2^3 \times 3^4$ 

(b)  $2^4 \times 3^3$ 

(c)  $2^3 \times 3^3$ 

(d)  $2^4 \times 3^4$ 

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P.T

(a) Solve for x and y : x + y = 6, 2x - 3y = 4.

## OR

(b) Find out whether the following pair of linear equations are consistent or inconsistent:

$$5x - 3y = 11$$
,  $-10x + 6y = 22$