

Interleaf 1

1) Write 4200 as a product of prime factors in index form

2) $350 = 2 \times 5^2 \times 7$ and $720 = 2^4 \times 3^2 \times 5$.

Find the LCM of 350 and 720.

3) Calculate:

a) $51 \div 0.3$ b) 0.0045×0.03 c) $9.032 + 34.29$

4) Write down the value of:

a) $\sqrt{225}$ b) 11^2 c) 2^5 d) $\sqrt[3]{64}$

5) Round the following as indicated in brackets after:

a) 0.0037593 (3sf) b) 30482 (2sf) c) 43.0981 (2dp)

Answers

1) $2^3 \times 3 \times 5^2 \times 7$ 2) 25200 3a) 170 b) 0.000135 c) 43.322 4a) 15 b) 121 c) 32 d) 4 5a) 0.00376

b) 30000 c) 43.10