

## Error Intervals

Write down the error intervals for  $x$

$$1) \quad x = 2.7 \text{ to 1 d.p.} \quad 2.65 \leq x < 2.75$$

$$x = 4.123 \text{ to 3 d.p.} \quad 4.1225 \leq x < 4.1235$$

$$x = 41200 \text{ to 3 s.f.} \quad 41150 \leq x < 41250$$

$$x = 6.74 \text{ truncated at 2 d.p.}$$

$$6.74 \leq x < 6.75$$

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Write down error intervals for  $n$

$$1) \quad n = 8000 \text{ to 1 s.f.} \quad 7500 \leq n < 8500$$

$$2) \quad n = 64,300 \text{ to 3 s.f.} \quad 64250 \leq n < 64350$$

$$3) \quad n = 6.42 \text{ to 2 d.p.} \quad 6.415 \leq n < 6.425$$

$$4) \quad n = 13.4 \text{ truncated at 1 d.p.} \quad 13.4 \leq n < 13.5$$

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## Bounds

Find least upper bound and greatest lower bound

Length = 32.4 cm to 1dp.

$$32.35\text{cm} \leq \text{Length} < 32.45\text{cm}$$