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LE1.3

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LE1.3.1: Fixed Length Encodings

2/2 points (ungraded)

For the following problems, your answer should be specified as an integer.

How many bits are needed to encode the 10 decimal digits {0, 1, 2, 3, 4, 5, 6, 7, 8, 9}?

4

✓

How many bits are needed to encode the 86 ASCII characters?

7

✓

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 [Question wrong](#)

How many bits are needed to encode the 10 decimal digits {0, 1, 2, 3, 4, 5, 6, 7, 8, 9}? it supposed to be 10\* 4=40 since there are 10 digits sa...

4 ▾

 [Wording is quite ambiguous.](#)

86 ASCII characters → 1 character which can take 86 values or 86 characters which can take any of the ASCII values.

5 ▾

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