

Santa Ana Math Club
December 11th, 2010

Name: _____

School: _____

Grade: _____

Introductory Fractions and Decimals:

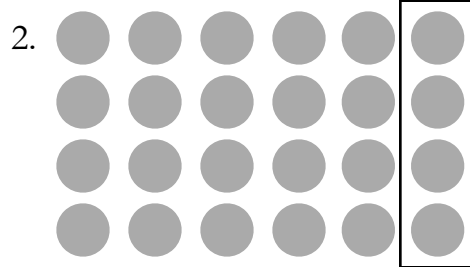
Do this for each problem:

What fraction of the circles are in the box? Simplify.

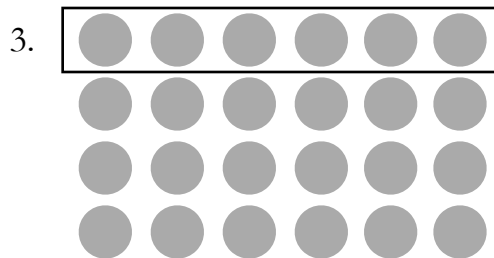


1. a) What fraction is this? _____

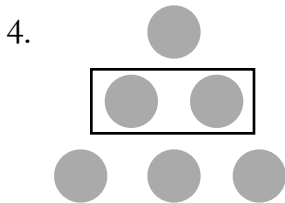
1. b) What decimal is this? _____



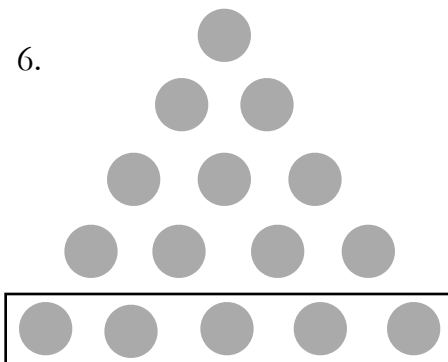
2. What fraction is this? _____



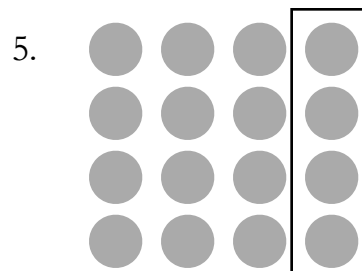
3. What fraction is this? _____



4. What fraction is this? _____



6. What fraction is this? _____



5. a) What fraction is this? _____

5. b) What decimal is this? _____

5. c) What problem represents the same fraction as this one? _____

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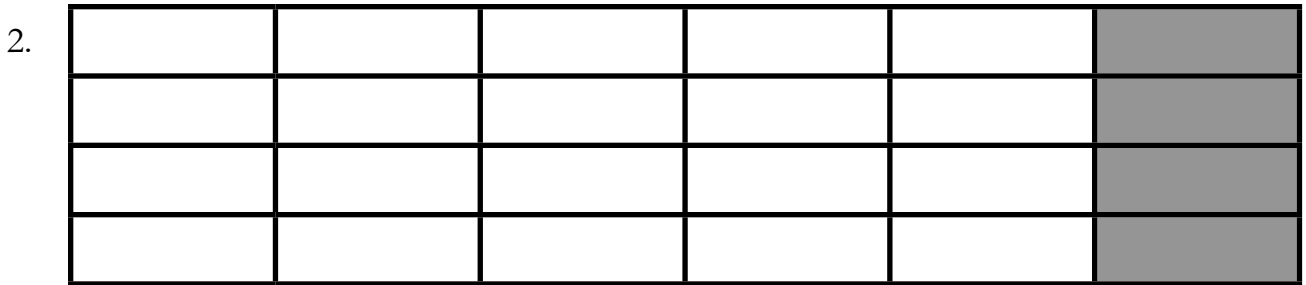
Do this for each problem:

a) What fraction of the box is shaded? Simplify.



a) _____

b) _____

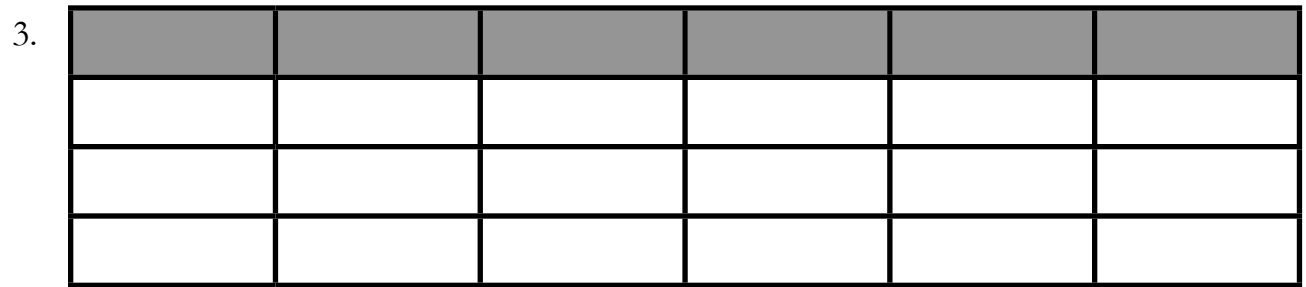


or



a) _____

b) _____



or



a) _____

b) _____

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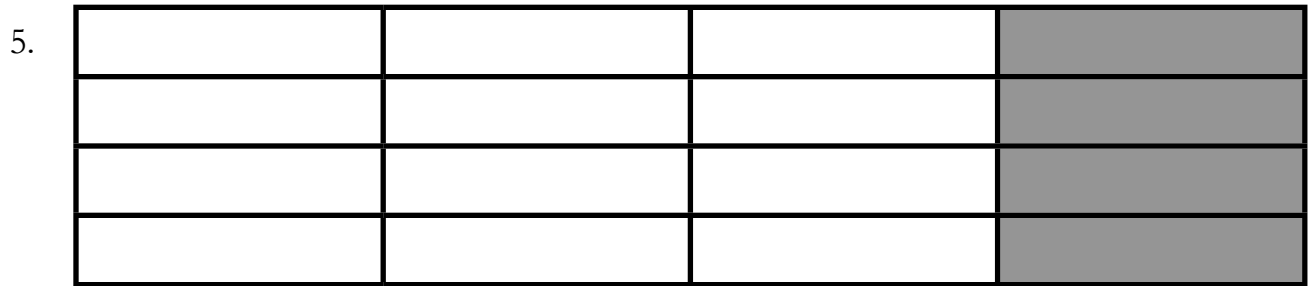
School:

Grade:



a) _____

b) _____

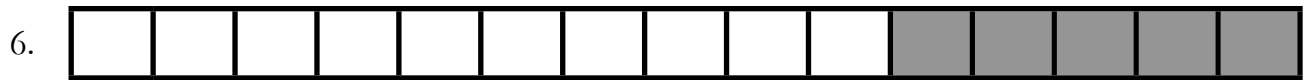


or



a) _____

b) _____



a) _____

b) _____

Note:

Did you notice the similarity? The problems on page 1 and the problems on the last two pages are the same! They are different ways of representing the problems, so pick whatever way you like when working with fractions.

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Do this for each problem:

a) What fraction of the box is shaded? b) What is this decimal? Simplify.



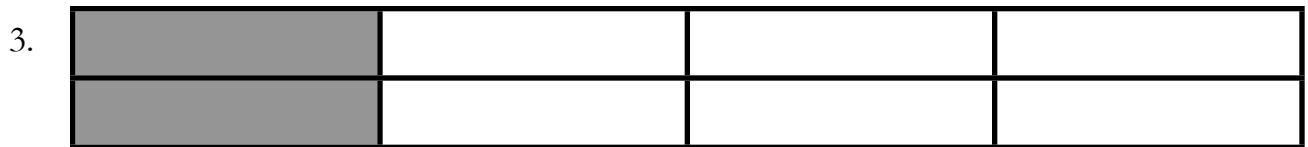
a) _____

b) _____



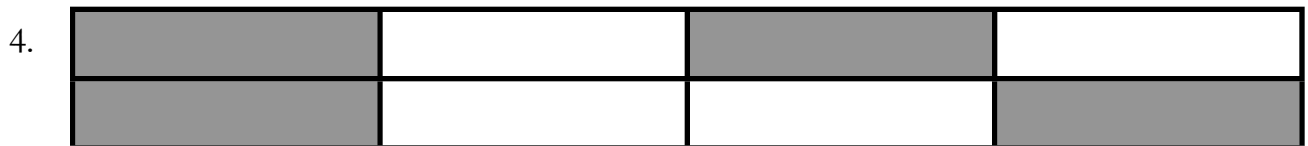
a) _____

b) _____



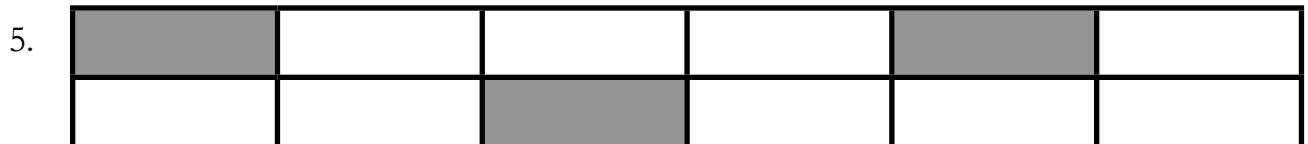
a) _____

b) _____



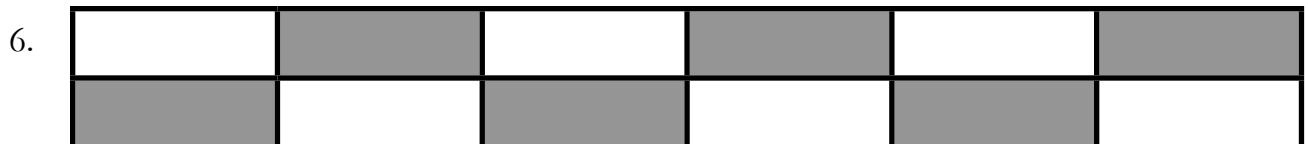
a) _____

b) _____



a) _____

b) _____



a) _____

b) _____