

APPLYING THE STANDARD

Here is how similar problems might look on a test.

- 1) Write the ratio of stars to moons in two different ways.



a) 8:6 or 8 to 6

b) 4:3 or 4 to 3

Steven is on the school basketball team. His season free throw record is shown in the table. Use the table for problems 2 - 4.

- 2) Write the ratio of made free throws to missed free throws in two different ways. *Answers may vary.*

64:48 16:12 8:6 4:3

- 3) For every 4 free throws Steven made, he missed 3 free throws.

Steven's Regular Season Free-Throw Record	
Made	Missed
64	48

- 4) For every 7 free throws Steven attempted, he made 4 free throws.

- 5) To make a deep orange paint color, Regina mixed 8 drops of red paint and 2 drops of yellow paint. Describe the relationship between the red paint and the yellow paint in at least 4 different ways. *Answers may vary.*

- a) For every 8 drops of red paint, there are 2 drops of yellow paint.
- b) For every 1 drop of yellow paint, there are 4 drops of red paint.
- c) The ratio of red paint to yellow paint is 4 to 1.
- d) 8/10 (or 4/5) of the paint mixture is red.

