

13. Tripwire Check

Name: _____ **Class:** _____ **Date:** _____

A student says 3:5 and 6:8 are equivalent because both numbers increased.

Is the student correct?

No. From 3 to 6 the scale factor is 2. Applying the same factor to 5 gives 10, not 8. Therefore, 3:5 is equivalent to 6:10, not 6:8.
