



7. Two divided by the difference of a number and three minus four divided by the number plus three, equals eight times the reciprocal of the difference of the number squared and nine. What is the number?

8. If fifteen times the reciprocal of a number is added to the ratio of nine times the number minus seven and the number plus two, the result is nine. What is the number?

9. The quotient of a number and three, minus one, equals five-thirds. Find the number.

10. The quotient of a number and five, minus one, equals seven-fifths. Find the number.

11. Solve  $D = RT$  for ...

a) for R.

b) for T.

---

**CYU Reflection:** *How far can you go: basic, intermediate, or advanced?*

**Rate your mastery level!**

How confident are you with the skills this CYU covered? Circle the score you would give yourself.

