

Grading student work!

Imagine there are three students in your class who have very different approaches to solving fractions, and doing mathematics in general. Based on the sample responses below: (a) Grade each student response on a scale from 1 (*low*) to 10 (*high*) and (b) assuming that you have little time (less than 5 mins), how would you summarize the problem to the class?

YOUR CLASS IS WORKING ON THE FOLLOWING PROBLEM: $\frac{3}{2} + \frac{1}{3}$

Student A

Score: _____/10

$$\frac{2}{3} + \frac{1}{3} = \frac{3}{6}$$

Student B

Score: _____/10

$$\frac{9}{6} + \frac{2}{6} = \frac{11}{6}$$

Student C

Score: _____/10

$$\frac{3}{2} \times \frac{3}{3} + \frac{1}{3} \times \frac{2}{2} = \frac{6}{6} + \frac{2}{6} = \frac{8}{6} = 2\frac{2}{3} = 2.5$$