



TOOL // Gr. 8 Fractions Assessment For Learning Task

What is it used for?

The tool allows the teacher to quickly assess student grasp of basic prerequisite fraction concepts and skills before beginning the unit.

How do you use it?

Students complete the diagnostic. The teacher uses a class list and as they quickly look at responses, indicate level of understanding using the checkbric. The teacher does not need to level or mark the student responses. The teacher can then target key prerequisite skills that require explicit instruction or practice or students who may need scaffolding to use those skills.

Grade 8 Fractions Pre-Test

Solve

$3/4 + 6/4$

$7/8 - 4/8$

$8/12 + 2/3$

$9/10 - 3/5$

$1\frac{1}{6} + \frac{5}{6} =$

Place the following fractions in order from smallest to largest. Show your work!

$$\frac{1}{2}, \frac{3}{4}, \frac{2}{3}, \frac{1}{4}$$

_____ → _____ → _____ → _____ .

Sam says $2\frac{1}{3}$ is the same as $7/3$. Is he right? Justify your answer with words and diagrams.

A bag of cookies contains 30 cookies. You have eaten $\frac{4}{6}$ of the whole bag your friend ate $3/12$ of the bag. What fraction of the bag of cookies is left over? Justify your answer with words and diagrams.

Would you rather have $\frac{3}{4}$ of a pizza or $\frac{2}{3}$ of the same pizza ? Explain.

