

Reasoning and Problem Solving
Compare and Order Fractions
Greater than 1

Developing

1a. $\frac{14}{5} > \frac{12}{10}$

2a. $\frac{7}{2}$ is the mistake because it is equivalent to $3\frac{1}{2}$ which is more than $2\frac{1}{2}$.

3a. Mo is correct because the fractions are ordered from smallest and his fraction ($\frac{11}{3}$) comes in between the two given fractions.

Expected

4a. $\frac{16}{6} > \frac{26}{12}$

5a. $\frac{84}{21}$ is the mistake because it is equivalent to 4 which is less than $4\frac{1}{7}$.

6a. Both children are correct because both of their fractions are greater than $\frac{96}{20}$ and smaller than $\frac{37}{5}$.

Greater Depth

7a. $\frac{28}{6} > \frac{24}{9}$

8a. $\frac{36}{10}$ is the mistake because it is equivalent to $3\frac{9}{15}$ which is more than $3\frac{6}{15}$.

9a. Jason is correct because the fractions are ordered from smallest to largest and his fraction ($\frac{25}{8}$) comes between the two given fractions.

Reasoning and Problem Solving
Compare and Order Fractions
Greater than 1

Developing

1b. $\frac{10}{6} < \frac{26}{3}$

2b. $\frac{8}{6}$ is the mistake because it is equivalent to $1\frac{2}{6}$ which is less than $1\frac{4}{6}$.

3b. Sadia is correct because the fractions are ordered from largest to smallest and her fraction ($\frac{14}{8}$) comes in between the two given fractions.

Expected

4b. $\frac{18}{5} < \frac{95}{25}$

5b. $\frac{35}{6}$ is the mistake because it is equivalent to $5\frac{5}{6}$.

6b. Bella is correct because the fractions are ordered from largest to smallest and her fraction ($\frac{20}{8}$) comes in between the two given fractions.

Greater Depth

7b. $\frac{51}{24} < \frac{50}{16}$

8b. $\frac{15}{6}$ is the mistake because it is equivalent to $2\frac{1}{2}$ which is less than $2\frac{12}{18}$.

9b. Both children are correct because both of their fractions are smaller than and greater than $\frac{7}{5}$.