

Challenge questions – Fluency

4a. Using the representations below, complete the statement.



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5a. Rewrite the sequence $\frac{20}{16}, \frac{14}{8}, \frac{8}{4}$ to include the fraction $\frac{3}{2}$.

$\frac{3}{2}$

$\frac{20}{16}$

$\frac{14}{8}$

$\frac{8}{4}$

Challenge questions – problem solving

4a. Using the clue and digit cards below, complete the statement with improper fractions.



26

16

6

12

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5a. Circle the mistake in the table below.

Less than $4\frac{1}{7}$	More than $4\frac{1}{7}$
$\frac{22}{7}$	$\frac{51}{7}$
$\frac{42}{14}$	$\frac{30}{7}$
$\frac{28}{7}$	$\frac{84}{21}$

6a. Order the fractions from greatest to smallest.

$1\frac{1}{2}$

$1\frac{10}{12}$

$\frac{7}{6}$

6a. Two children are ordering fractions.

$$\frac{96}{20} \quad \frac{37}{5}$$

Archie says,



The missing fraction could be $\frac{68}{10}$.

Kaitlin says,



The missing fraction could be $\frac{60}{10}$.

Who is correct? Convince me.

Answers – Fluency

4a. $2\frac{5}{9} < 2\frac{2}{3}$

5a. $\frac{20}{16}, \frac{3}{2}, \frac{14}{8}, \frac{8}{4}$

6a. $1\frac{10}{12}, 1\frac{1}{2}, \frac{7}{6}$

Problem solving

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 $\frac{37}{5}$.