

Add Mixed Numbers

4a. Add the two fractions together making sure your answer is in its simplest form.

$$2\frac{3}{4} + \frac{9}{8} = \boxed{}\frac{}{}$$



S VF

Add Mixed Numbers

4a. Circle the odd one out. Explain why.

a. $1\frac{6}{10} + 3\frac{2}{5}$

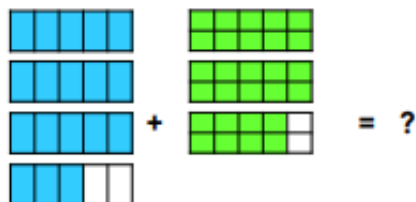


d. $2\frac{3}{4} + 3\frac{1}{8}$



S R

5a. Match the area model to the correct answer.



a. $6\frac{10}{5}$

b. 6

c. $6\frac{2}{5}$



S VF

5a. Libby has completed the following calculation.

$$2\frac{3}{4} + \frac{6}{8} = 3\frac{1}{4}$$



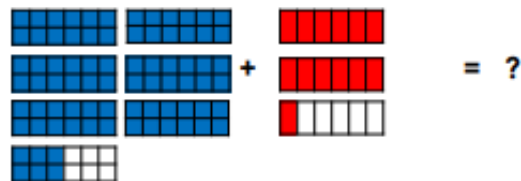
Is she correct?
Explain how you know.



S R

6a. Work out the missing numbers in the following calculation.

$$6\frac{6}{12} + \frac{13}{} = 8\frac{}{3}$$



S VF

6a. I am thinking of a number. When I add it to the number on the card the answer will be a whole number between 10 and 15. The number is either a mixed fraction or an improper fraction with a different denominator.

$$6\frac{2}{8}$$

Find 3 possible answers.



S PS

3 stars

Add Mixed Numbers

7a. Add the two fractions together making sure your answer is in its simplest form.

$$4 \frac{5}{6} + \frac{15}{10} = \boxed{} \boxed{}$$



S VF

Add Mixed Numbers

7a. Circle the odd one out. Explain why.

a. $3 \frac{1}{8} + \frac{15}{6}$

b. $2 \frac{7}{12} + \frac{21}{9}$

c. $6 \frac{3}{10} + \frac{19}{4}$

d. $12 \frac{2}{6} + \frac{11}{3}$



S R

8a. Match the calculation to the correct answer.

$$4 \frac{5}{10} + \frac{13}{6} = ?$$

a. $4 \frac{18}{10}$

b. $6 \frac{2}{3}$

c. $7 \frac{6}{10}$



S VF

8a. Annabel has completed the following calculation.

$$3 \frac{6}{10} + \frac{16}{8} = 5 \frac{1}{5}$$



Is she correct?
Explain how you know.



S R

9a. Work out the missing numbers in the following calculation.

$$7 \frac{1}{\text{red virus}} + \frac{15}{8} = 9 \frac{\text{red virus}}{8}$$



S VF

9a. I am thinking of a number.
When I add it to the number on the card the answer will not be a whole number. It will be greater than 9 but less than 12. The number is either a mixed fraction or an improper fraction with a different denominator but with a common factor.

$$7 \frac{4}{6}$$

Find 4 possible answers.



S PS

Answers

Step 13, 2 stars Varied Fluency	Step 13, 2 stars Reasoning
<p>4a. $3 \frac{7}{8}$</p> <p>5a. c. $6 \frac{2}{5}$</p> <p>6a. $6 \frac{6}{12} + \frac{13}{6} = 8 \frac{2}{3}$</p>	<p>4a. A is the odd one out, totalling a whole number. All the rest have a total that is a mixed number.</p> <p>5a. No. The correct answer is $3 \frac{1}{2}$. Both $\frac{3}{4}$ and $\frac{6}{8}$ are equivalent and equal $1 \frac{1}{2}$ which added to 2 makes $3 \frac{1}{2}$.</p> <p>6a. Various answers, for example: $3 \frac{3}{4}$ $1 \frac{3}{4}$ $2 \frac{3}{4}$ The answer may consist of equivalent fractions such as quarters or twelfths.</p>
Step 13, 3 stars Varied Fluency	Step 13, 3 stars Reasoning
<p>7a. $6 \frac{1}{3}$</p> <p>8a. b. $6 \frac{2}{3}$</p> <p>9a. $7 \frac{1}{2} + \frac{15}{8} = 9 \frac{3}{8}$ or $7 \frac{1}{4} + \frac{15}{8} = 9 \frac{1}{8}$</p>	<p>7a. D is the odd one out totalling a whole number. The rest give a mixed number total.</p> <p>8a. No, the correct answer is $5 \frac{3}{5}$. She has added $\frac{16}{10}$ in error.</p> <p>9a. Various answers, for example: $\frac{11}{3}$ $4 \frac{2}{3}$ $2 \frac{2}{12}$ $\frac{6}{2}$</p>