Chal-lenge

Week Commencing 3– 15.6. 20– Fractions

Look at the image below– What fractions can you see and describe. Are there any ways you can use rows/columns create improper fractions or mixed numbers. What equivalent Fractions can you see? EG) Blue 2/5 = 4/10 etc

Challenge 1

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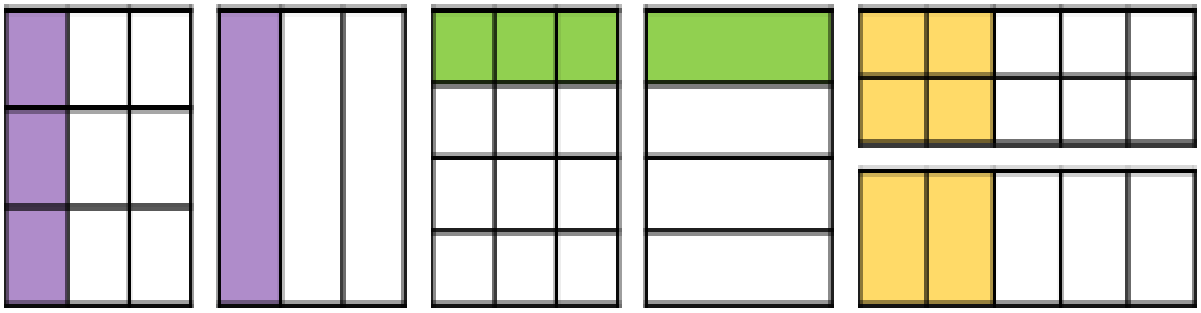
Week Commencing 3–

18.5. 20

Challenge 2– Write the equivalent pair of fractions

Use the models to write equivalent fractions.



Challenge 3—Add the fractions. Remember the denominator will not change

a. $\frac{2}{6} + \frac{4}{6} =$

b. $\frac{4}{10} + \frac{5}{10} =$

c. $\frac{2}{12} + \frac{9}{12} =$

d. $\frac{4}{8} + \frac{2}{8} =$

e. $\frac{6}{14} + \frac{3}{14} =$

f. $\frac{2}{7} + \frac{4}{7} =$

g. $\frac{3}{11} + \frac{3}{11} =$

h. $\frac{2}{6} + \frac{1}{6} =$

i. $\frac{8}{15} + \frac{4}{15} =$

k. $\frac{3}{20} + \frac{15}{20} =$

l. $\frac{11}{18} \quad \frac{6}{18} =$

gm $\frac{4}{8} + \frac{3}{8} =$

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Week Commencing 3–

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Challenge 4 Add the fractions. The denominator must be the same before

1) $\frac{4}{5} + \frac{12}{15} =$ ☐

2) $\frac{5}{14} + \frac{2}{7} =$ ☐

3) $\frac{6}{9} + \frac{1}{3} =$ ☐

4) $\frac{3}{4} + \frac{7}{8} =$ ☐

5) $\frac{13}{18} + \frac{5}{12} =$ ☐

6) $\frac{2}{4} + \frac{4}{6} =$ ☐

7) $\frac{3}{8} + \frac{9}{16} =$ ☐

8) $\frac{5}{7} + \frac{1}{2} =$ ☐

9) $\frac{1}{3} + \frac{4}{6} =$ ☐

10) $\frac{15}{18} + \frac{4}{9} =$ ☐

11) $\frac{17}{20} + \frac{9}{10} =$ ☐

12) $\frac{14}{16} + \frac{3}{4} =$ ☐

13) $\frac{1}{2} + \frac{1}{3} =$ ☐

14) $\frac{8}{12} + \frac{5}{15} =$ ☐

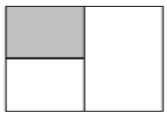
REASONING

8 Circle the fraction that is **not** equivalent to $\frac{3}{4}$

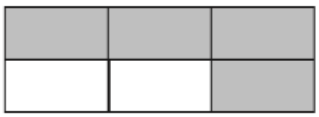
$\frac{15}{20}$ $\frac{7}{8}$ $\frac{9}{12}$ $\frac{12}{16}$

1 mark

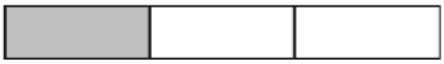
$\frac{1}{3}$



$\frac{1}{4}$



$\frac{2}{3}$



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