

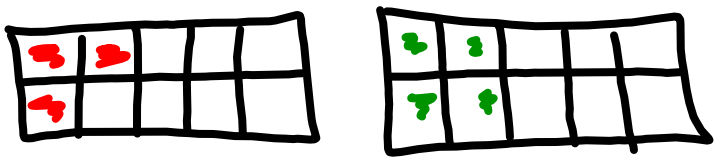
# Warm Up Grade 7



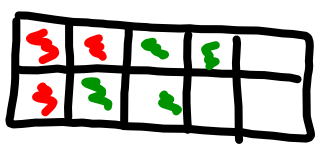
Date:

## Use Fraction blocks or circles to model

a) $\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$

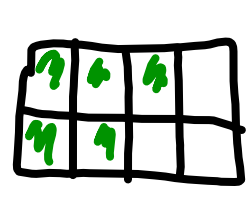


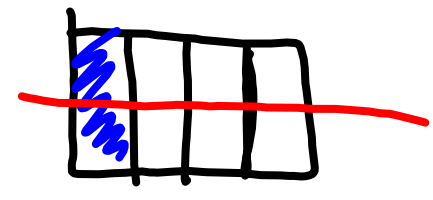
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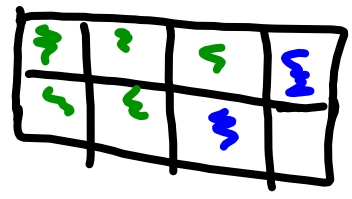
b) $\frac{5}{8} + \frac{1}{8} \times 2$

$\frac{5}{8} + \frac{2}{8} = \frac{7}{8}$





=



c) $1 + \frac{1}{2} \quad \frac{1}{3}$

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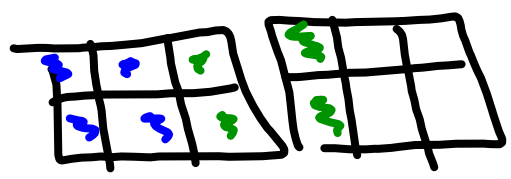
1 a) $\frac{2}{4} + \frac{1}{2}$ (×2)

$\frac{2}{4} + \frac{2}{4} = \frac{4}{4}$

or 1

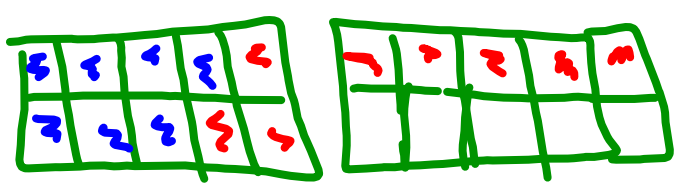
b) $\frac{2}{3}$ (×2) $+ \frac{4}{6}$

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

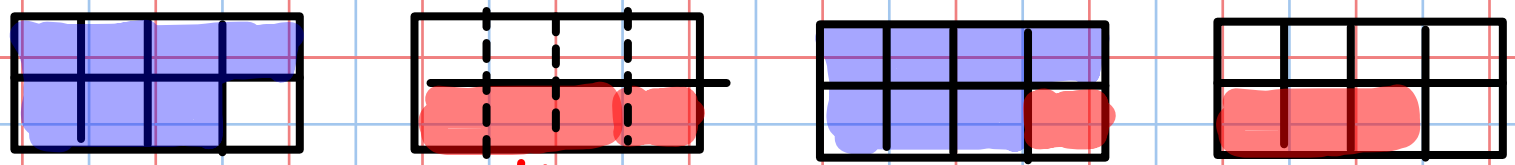


c) $\frac{7}{10} + \frac{4}{5}$ (×2)

$\frac{7}{10} + \frac{8}{10} = \frac{15}{10}$ or $1\frac{5}{10}$ or $1\frac{1}{2}$

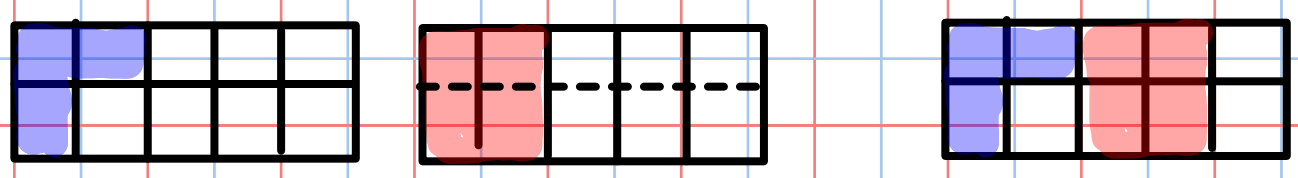


2 a) $\frac{7}{8} + \frac{1}{2}$



$\frac{7}{8} + \frac{4}{8} = \frac{11}{8}$ or $1\frac{3}{8}$

b) $\frac{3}{10} + \frac{2}{5}$ (×2, ×2)



$\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$

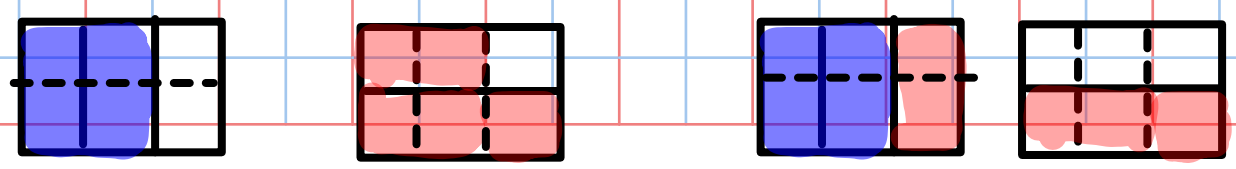
c) $\frac{2}{3}$ (×2) $+ \frac{1}{2}$ (×3)

3 → 3, 6, 9, 12, ...
2 → 2, 4, 6, 8, ...



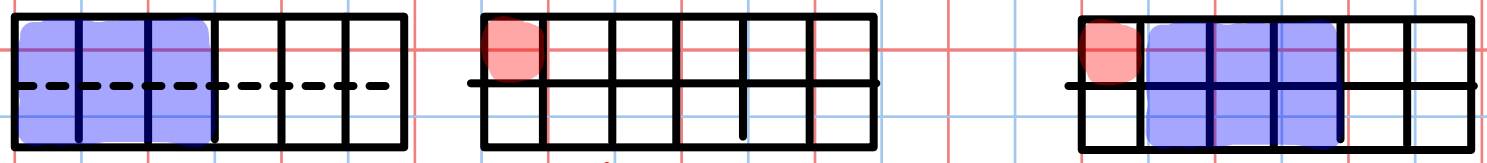
$\frac{4}{6} + \frac{3}{6} = \frac{7}{6}$ or $1\frac{1}{6}$

d) $\frac{2}{3}$ (×2) $+ \frac{5}{6}$



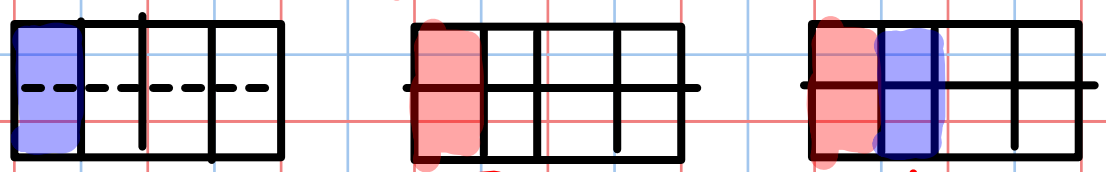
$\frac{4}{6} + \frac{5}{6} = \frac{9}{6}$ or $1\frac{3}{6}$ or $1\frac{1}{2}$

(e) $\frac{3}{6} + \frac{1}{12}$



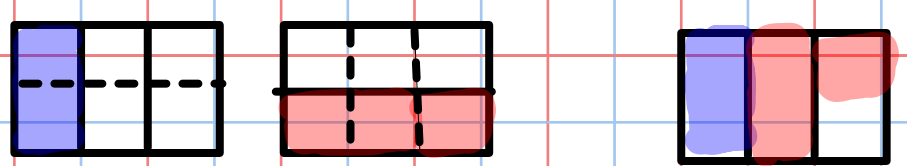
$\frac{6}{12} + \frac{1}{12} = \frac{7}{12}$

f) $\frac{1}{4} + \frac{2}{8}$



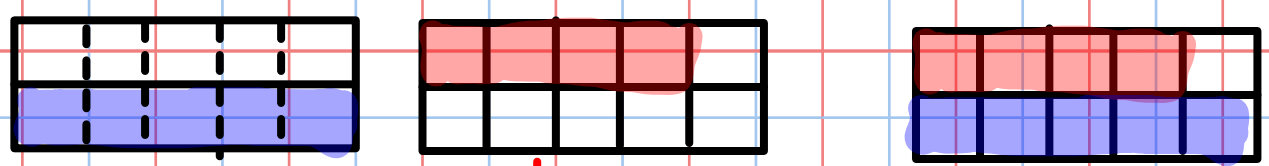
$\frac{2}{8} + \frac{2}{8} = \frac{4}{8}$

g) $\frac{1}{3} + \frac{1}{2}$



$\frac{2}{6} + \frac{3}{6} = \frac{5}{6}$

h) $\frac{1}{2}^{\times 5} + \frac{4}{10}$



$\frac{5}{10} + \frac{4}{10} = \frac{9}{10}$

3. $\frac{1}{3}^{\times 2} + \frac{1}{6}$

$\frac{2}{6} + \frac{1}{6} = \frac{3}{6}$ or $\frac{1}{2}$ hour spent practicing.

Model

1 + 9

7 14

# Class / Homework

**1. Solve the addition questions. (Model 1a then use CD for rest. Remember to reduce)**

**(a)** $\frac{8}{15} + \frac{2}{15}$

**(b)** $\frac{1}{7} + \frac{5}{7}$

**(c)** $\frac{7}{10} + \frac{2}{10}$

**(d)** $\frac{9}{15} + \frac{6}{15}$

**(e)** $\frac{4}{5} + \frac{3}{5}$

**(f)** $\frac{6}{8} + \frac{5}{8}$

**(g)** $\frac{7}{8} + \frac{5}{8}$

**(h)** $\frac{1}{8} + \frac{1}{2}$

**(i)** $\frac{2}{6} + \frac{1}{2}$

**(j)** $\frac{5}{9} + \frac{1}{3}$

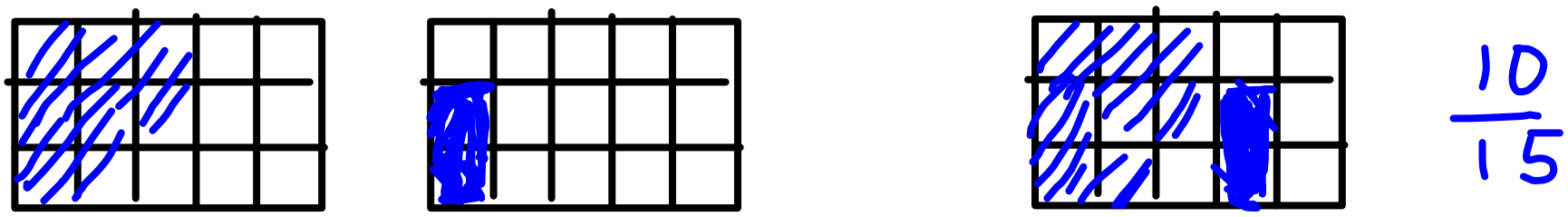
**(k)** $\frac{1}{2} + \frac{1}{4}$

**(l)** $\frac{3}{10} + \frac{2}{5}$

Yesterday Pg 180, labc 2, 3

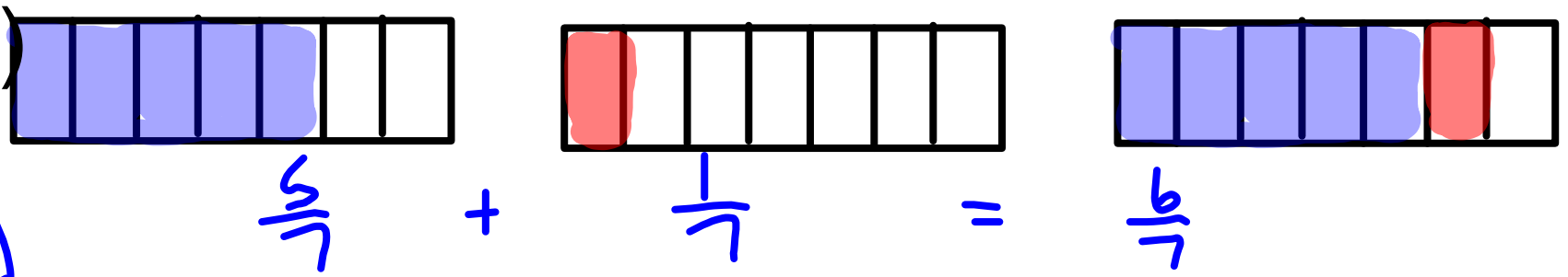
Page 180 #4, #5, #7

a)



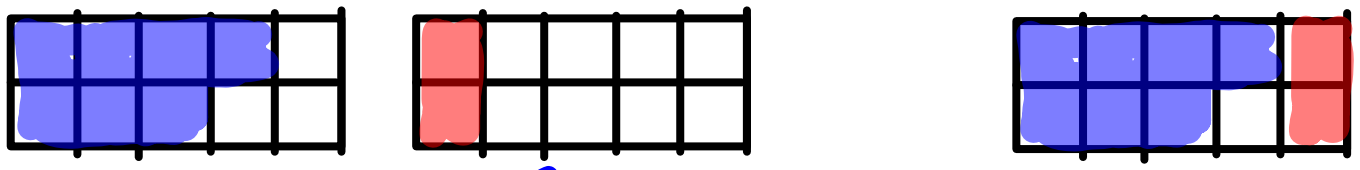
$\frac{10}{15}$

b)



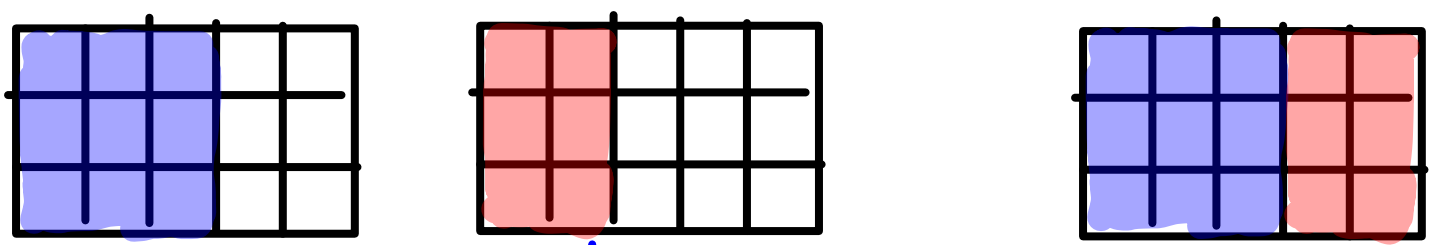
$\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$

c)



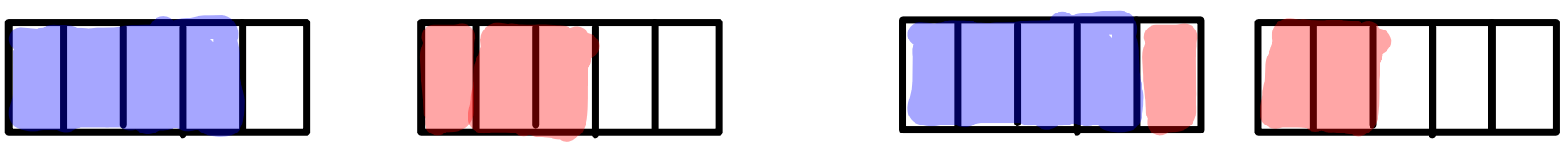
$\frac{7}{10} + \frac{2}{10} = \frac{9}{10}$

d)



$\frac{9}{15} + \frac{6}{15} = \frac{15}{15} = 1$

e)



$\frac{4}{5} + \frac{3}{5} = \frac{7}{5}$ or $1\frac{2}{5}$

f)



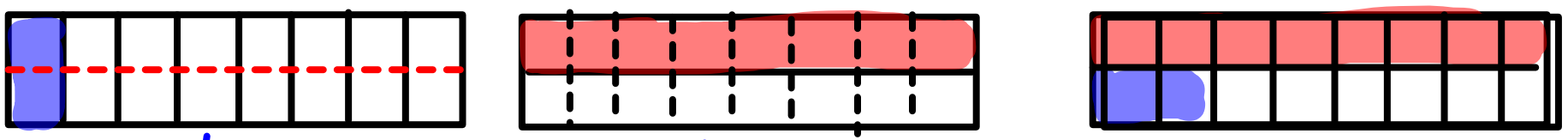
$\frac{6}{8} + \frac{5}{8} = \frac{11}{8}$ or $1\frac{3}{8}$

g)



$\frac{7}{8} + \frac{5}{8} = \frac{12}{8}$ or $1\frac{4}{8}$ or $1\frac{1}{2}$

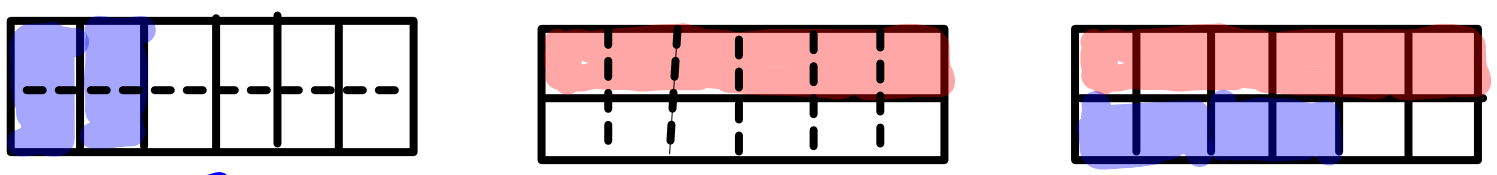
h)



$\frac{1}{8} + \frac{1}{2}$

$\frac{2}{16} + \frac{8}{16} = \frac{10}{16}$

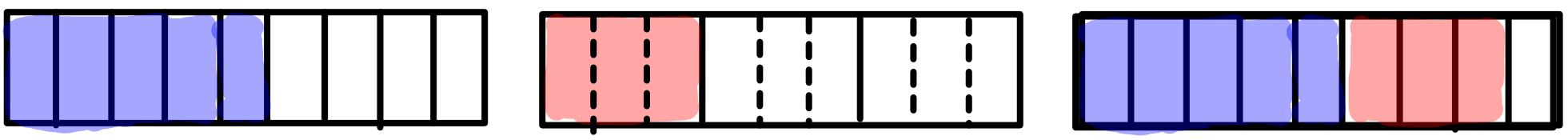
i)



$\frac{2}{6} + \frac{1}{2}$

$\frac{4}{12} + \frac{6}{12} = \frac{10}{12}$

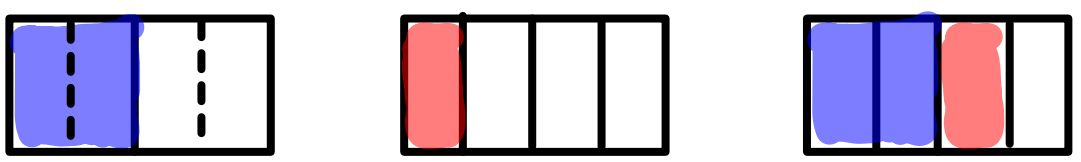
j)



$\frac{5}{9} + \frac{1}{3}$

$\frac{5}{9} + \frac{3}{9} = \frac{8}{9}$

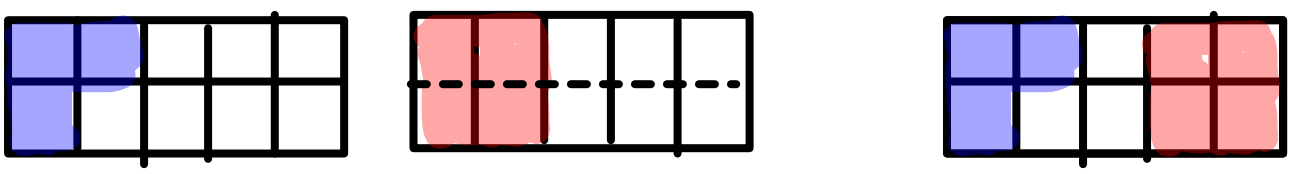
k)



$\frac{1}{2} + \frac{1}{4}$

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

l)



$\frac{3}{10} + \frac{2}{5}$

$\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$

4. a) $\frac{1}{5} + \frac{1}{5} = \frac{2}{5}$

ii) $\frac{2}{3} + \frac{1}{3} = \frac{3}{3}$ or 1

iii) $\frac{4}{10} + \frac{3}{10} = \frac{7}{10}$

iv) $\frac{1}{6} + \frac{3}{6} = \frac{4}{6}$ or $\frac{2}{3}$

b) If you have like denominators, you add the fractions by adding the numerators and keeping the same denominator.

5 a) $\frac{1}{4} + \frac{2}{4}$ less than 1. since it is 3/4

b) $\frac{2}{5} + \frac{7}{5}$ greater than 1, since $\frac{7}{5} > 1$

c) $\frac{3}{4} + \frac{1}{4}$ $= \frac{4}{4}$ which is 1 so it equals 1

d) $\frac{1}{10} + \frac{3}{10}$ $< 1$, $\frac{1}{10} + \frac{3}{10} = \frac{4}{10}$

Pass out and have students make their own fraction strips.
Worth 10 marks in class tomorrow.

$\frac{1}{9}$ → Peach / Beige / Skin Color

# Homework

pg 179 #1-5
(#1,2,3 - model)

→ Bring "colors"