Use the bar models to work out the additions.
a)

b)

c)


What do you notice?


Shade the bar model to show that $2 \frac{1}{6}+\frac{4}{6}=2 \frac{5}{6}$

(3) Shade the bar models to work out the additions.
a) $2 \frac{3}{8}+\frac{2}{8}=\square$

b) $\frac{3}{5}+3 \frac{1}{5}=\square$

4. Brett is using a number line to work out $1 \frac{7}{9}+\frac{5}{9}$

a) Complete the part-whole model to show how Brett has partitioned $\frac{5}{9}$
b) Complete the calculation.

$$
1 \frac{7}{9}+\frac{5}{9}=1 \frac{7}{9}+\frac{\square}{9}+\frac{\square}{9}
$$

$$
=2+\frac{\square}{9}
$$

$$
=
$$

$\square$

5 Complete the additions.
a) $4 \frac{3}{6}+\frac{5}{6}=$ $\square$
c) $\square=2 \frac{5}{8}+\frac{7}{8}$
b) $\frac{6}{7}+3 \frac{4}{7}=$ $\square$
d) $7 \frac{4}{17}+\frac{16}{17}=$ $\square$

6 Tiny is working out $5 \frac{7}{10}+\frac{6}{10}$


How can Tiny's answer be improved?
(7) Teddy is using a number line to work out $3 \frac{4}{9}+\frac{8}{9}$
a) Complete Teddy's workings.

b) Use Teddy's method to work out the additions.


