## Subtract fractions

(1) Complete the subtractions.

Use the bar models to help you.

b)

c)

d) $\square$ $\frac{4}{5}-\frac{1}{5}=\frac{3}{5}$
(2) Jack has $\frac{7}{8}$ of a chocolate bar.

He eats $\frac{4}{8}$ of the chocolate bar.
What fraction of the chocolate bar does he have left?
(3) Complete the subtractions.

Simplify your answers where possible.
a) $\frac{7}{10}-\frac{1}{10}=\frac{6}{10}=\frac{3}{5}$
b) $\frac{7}{10}-\frac{2}{10}=\frac{5}{10}=\frac{1}{2}$
c) $\frac{7}{10}-\frac{3}{10}=\frac{4}{10}=\frac{2}{5}$
d) $\frac{7}{12}-\frac{3}{12}=\frac{4}{12}=\frac{1}{3}$
e) $\frac{8}{12}-\frac{4}{12}=\frac{4}{12}=\frac{1}{3}$
f) $\frac{9}{12}-\frac{5}{12}=\frac{4}{12}=\frac{1}{3}$
g) $\frac{9}{59}-\frac{5}{59}=\frac{4}{59}$
h) $\frac{13}{127}-\frac{9}{127}=\frac{4}{127}$
(4) Complete the part-whole models.
a)

c)

b)

(5) Complete the part-whole model in four different ways.

(6) Kim has read $\frac{6}{7}$ of her book.

Tom has read $\frac{2}{7}$ of his book.
a) Shade the bar models to represent this information.

b) How much more has Kim read than Tom?

Kim has read $\square$

Write the missing numerators.
a) $\frac{8}{9}-\frac{\square}{9}=\frac{7}{9}$
e) $\frac{7}{10}-\frac{5}{10}=\frac{1}{10}+\frac{\square}{10}$
b) $\frac{5}{11}-\frac{\frac{1}{11}}{11}=\frac{4}{11}$
f) $\frac{3}{4}-\frac{1}{4}=\frac{1}{4}+\frac{1}{4}$
c) $\frac{8}{9}-\frac{\square}{9}=\frac{3}{9}+\frac{4}{9}$
g) $\frac{5}{5}-\frac{2}{5}=\frac{1}{5}+\frac{2}{5}$
d) $\frac{7}{9}-\frac{5}{9}=\frac{6}{9}-\frac{4}{9}$
h) $\frac{4}{5}+\frac{1}{5}=\frac{3}{7}-\frac{2}{7}+\frac{6}{7}$
(8) Complete the table to show three possible values of the square and triangle.

e.g

|  | $\square$ |
| :---: | :---: |
| 14 | 1 |
| 20 | 7 |
| 30 | 17 |

How many other answers can you find?

