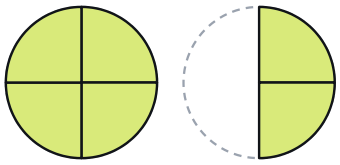
Names (pair) _____ Date _____

Subtracting: Related Denominators

Example



Break the whole disc into quarters and exchange the half for two quarters: $1\frac{1}{2} = \frac{6}{4}$.

From six quarters we take away three.

$$1\frac{1}{2} - \frac{3}{4} = \frac{6}{4} - \frac{3}{4} = \frac{3}{4}$$

1 ON YOUR OWN Subtract. If the answer is greater than 1, also write it as a mixed number.

a) $1\frac{1}{2} - \frac{3}{4} = \frac{\square}{4} - \frac{3}{4} = \frac{\square}{4}$

b) $\frac{11}{8} - \frac{3}{4} = \frac{11}{8} - \frac{\square}{8} = \frac{\square}{8}$

c) $1\frac{1}{3} - \frac{5}{6} = \frac{\square}{6} - \frac{5}{6} = \frac{\square}{6}$

d) $1\frac{1}{4} - \frac{5}{8} = \frac{\square}{8} - \frac{5}{8} = \frac{\square}{8}$

e) $\frac{7}{5} - \frac{7}{10} = \frac{\square}{10} - \frac{7}{10} = \frac{\square}{10}$

f) $1\frac{5}{6} - \frac{2}{3} = \frac{\square}{6} - \frac{\square}{6} = \frac{\square}{6}$

Names (pair) _____ Date _____

2 IN PAIRS **The missing part.** One student builds the first number, the other finds how much is missing to reach the second. Write it as a subtraction.

a) from $\frac{5}{8}$ to $1\frac{1}{4}$: $1\frac{1}{4} - \frac{5}{8} = \frac{\square}{8} - \frac{5}{8} = \frac{\square}{8}$

b) from $\frac{2}{3}$ to $1\frac{1}{6}$: $1\frac{1}{6} - \frac{2}{3} = \frac{\square}{6} - \frac{\square}{6} = \frac{\square}{6}$

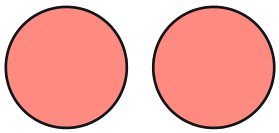
c) from $\frac{3}{10}$ to $1\frac{1}{5}$: $1\frac{1}{5} - \frac{3}{10} = \frac{\square}{10} - \frac{3}{10} = \frac{\square}{10}$

3 ON YOUR OWN **Exit card.** $1\frac{1}{3} - \frac{5}{6} = \frac{\square}{6} - \frac{5}{6} = \frac{\square}{6}$

Names (group) _____ Date _____

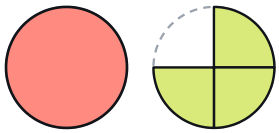
4 IN A GROUP **Pizzeria.** Roles: the chef builds the pizza with discs, the guest reads the order, the cashier writes the calculation, the checker builds what is left. Roles move round after each order.

1. There is 2 pizza on the plate. The guest eats $\frac{3}{4}$.



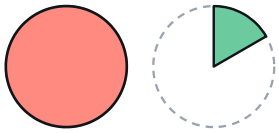
$$2 - \frac{3}{4} = \frac{\square}{4} - \frac{3}{4} = \frac{\square}{4}$$

2. There is $1\frac{3}{4}$ pizza on the plate. The guest eats $\frac{7}{8}$.



$$1\frac{3}{4} - \frac{7}{8} = \frac{\square}{8} - \frac{7}{8} = \frac{\square}{8}$$

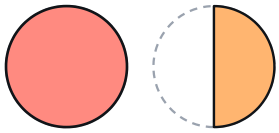
3. There is $1\frac{1}{6}$ pizza on the plate. The guest eats $\frac{2}{3}$.



$$1\frac{1}{6} - \frac{2}{3} = \frac{\square}{6} - \frac{\square}{6} =$$

$$\frac{\square}{6}$$

4. There is $1\frac{1}{2}$ pizza on the plate. The guest eats $\frac{5}{8}$.



$$1\frac{1}{2} - \frac{5}{8} = \frac{\square}{8} - \frac{5}{8} = \frac{\square}{8}$$

Remember

If there are not enough pieces to take away, **break a whole disc** into smaller pieces.