Explore Subtracting Fractions with Unlike Denominators

Write the subtraction sentence shown by each model. Write the difference in simplest form.

1.

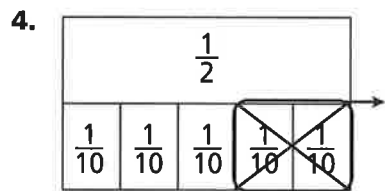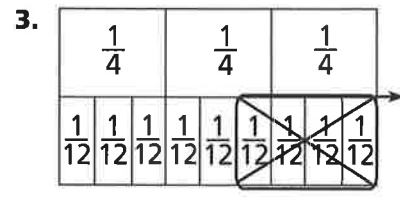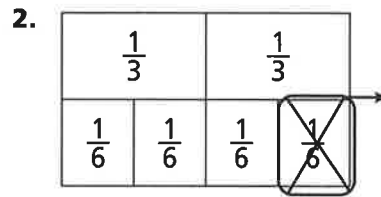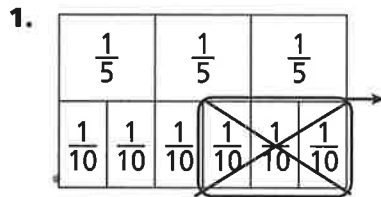| $\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	
$\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$			

_____

2.

	$\frac{1}{3}$	$\frac{1}{3}$	
$\frac{1}{6}$ $\frac{1}{6}$ $\frac{1}{6}$ $\frac{1}{6}$			

_____

3.

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$		

_____

4.

	$\frac{1}{2}$	
$\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$		

_____

5.

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$$\frac{1}{12}$		

_____

6.

$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{24}$ (×24)				

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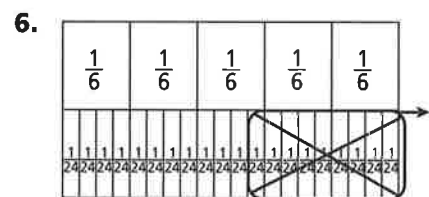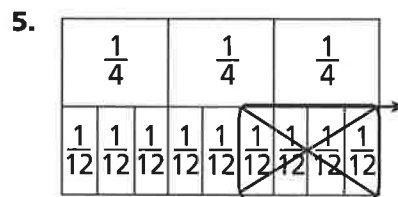
Subtract.

7. $\frac{7}{12} - \frac{1}{4} =$ _____

8. $\frac{1}{2} - \frac{1}{3} =$ _____

9. $\frac{9}{10} - \frac{2}{5} =$ _____

10. $\frac{5}{8} - \frac{1}{4} =$ _____

11. $\frac{11}{20} - \frac{3}{10} =$ _____

12. $\frac{11}{12} - \frac{1}{3} =$ _____

13. $\frac{7}{10} - \frac{1}{2} =$ _____

14. $\frac{3}{4} - \frac{2}{3} =$ _____

15. $\frac{5}{6} - \frac{3}{4} =$ _____

16. $\frac{3}{4} - \frac{3}{5} =$ _____

17. $\frac{11}{12} - \frac{1}{4} =$ _____

18. $\frac{4}{5} - \frac{1}{2} =$ _____

Problem Solving

19. The distance around a lily pond is $\frac{7}{10}$ mile. Rocks have been placed for $\frac{1}{4}$ mile along the pond's edge. How much of the edge does not have rocks?

20. The first $\frac{1}{5}$ mile of a $\frac{3}{4}$-mile path through a rose garden is paved with bricks. How much of the path is not paved with bricks?

_____

_____