

## Fractions Skill 4 - 24E print in black and white or color

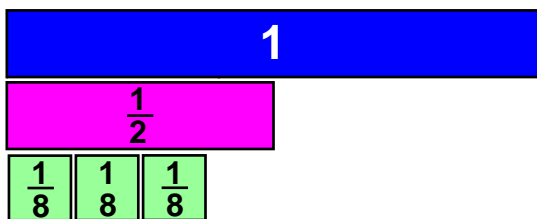
**Subtract Unlike Fractions**

Answers to test question 24E are in the answer key.

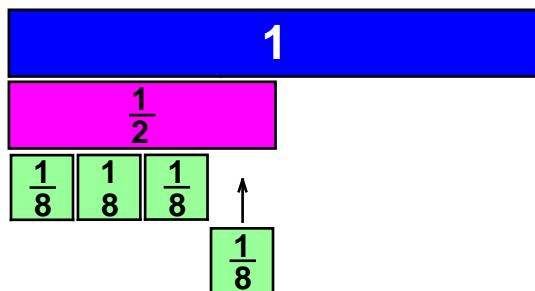
Subtract fractions with unlike denominators using fraction bars.

**Directions:** Subtract.  $\frac{1}{2} - \frac{3}{8}$ 

Place one whole bar as shown.

Place a  $\frac{1}{2}$  bar and (3)  $\frac{1}{8}$  bars under the whole bar to show  $\frac{1}{2} - \frac{3}{8}$ .

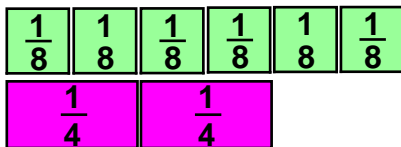
Next, place a fraction bar that fits exactly in the space where the arrow is pointing. This is the difference.



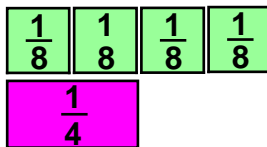
$$\text{So, } \frac{1}{2} - \frac{3}{8} = \frac{1}{8}$$

**Directions:** Subtract. Use the models.

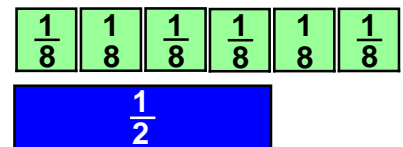
1.  $\frac{6}{8} - \frac{2}{4}$



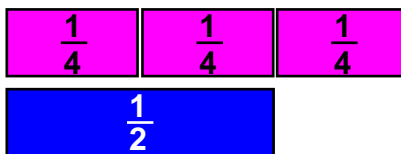
2.  $\frac{4}{8} - \frac{1}{4}$



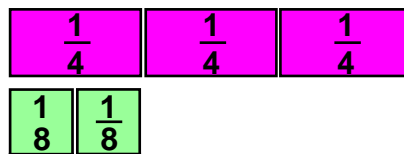
3.  $\frac{6}{8} - \frac{1}{2}$



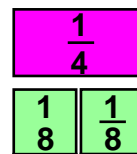
4.  $\frac{3}{4} - \frac{1}{2}$



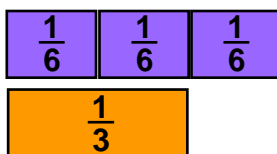
5.  $\frac{3}{4} - \frac{2}{8}$



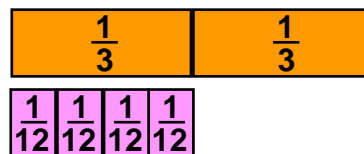
6.  $\frac{1}{4} - \frac{2}{8}$



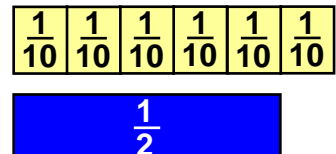
7.  $\frac{3}{6} - \frac{1}{3}$



8.  $\frac{2}{3} - \frac{4}{12}$

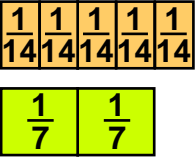
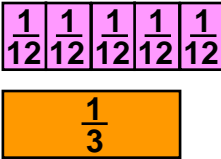
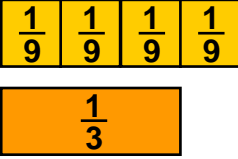
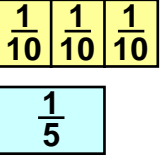
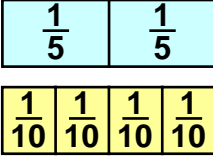
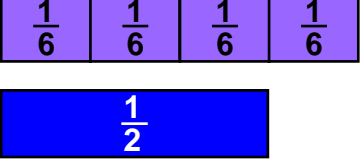
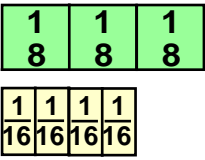
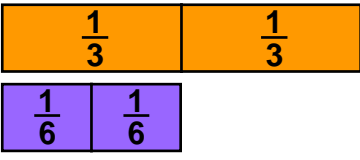
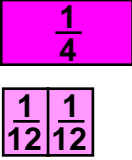


9.  $\frac{6}{10} - \frac{1}{2}$



## Fractions Skill 4 - 24E

**Subtract Unlike Fractions****Directions:** Subtract. Use the models.

<p>10. <math>\frac{5}{14} - \frac{2}{7}</math></p> 	<p>11. <math>\frac{5}{12} - \frac{1}{3}</math></p> 	<p>12. <math>\frac{3}{6} - \frac{1}{2}</math></p> 
<p>13. <math>\frac{3}{10} - \frac{1}{5}</math></p> 	<p>14. <math>\frac{2}{5} - \frac{4}{10}</math></p> 	<p>15. <math>\frac{4}{6} - \frac{1}{2}</math></p> 
<p>16. <math>\frac{3}{8} - \frac{4}{16}</math></p> 	<p>17. <math>\frac{2}{3} - \frac{2}{6}</math></p> 	<p>18. <math>\frac{1}{4} - \frac{2}{12}</math></p> 

**Directions:** Subtract. Use fraction bars.

19.  $\frac{1}{2} - \frac{1}{4}$

20.  $\frac{5}{8} - \frac{1}{2}$

21.  $\frac{2}{4} - \frac{2}{8}$

22.  $\frac{2}{3} - \frac{3}{6}$

23.  $\frac{1}{5} - \frac{1}{10}$

24.  $\frac{7}{8} - \frac{3}{4}$

25.  $\frac{1}{3} - \frac{2}{9}$

26.  $\frac{3}{8} - \frac{1}{4}$

27.  $\frac{4}{12} - \frac{1}{4}$

28.  $\frac{1}{2} - \frac{2}{6}$

29.  $\frac{2}{5} - \frac{3}{10}$

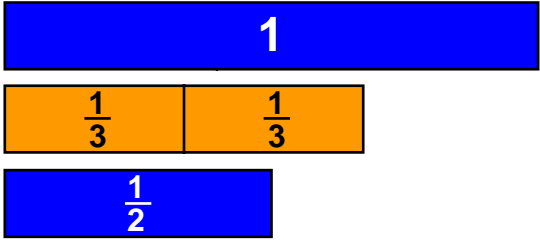
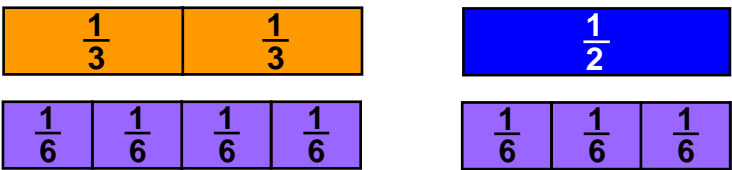
30.  $\frac{5}{16} - \frac{1}{8}$

## Fractions Skill 4 - 24E

## Subtract Unlike Fractions

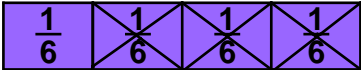
Subtract fractions with unlike denominators, find the common denominator.

**Directions:** Subtract.  $\frac{2}{3} - \frac{1}{2}$

Step 1	Step 2
<p>First, place the fraction bars to show the problem.</p> 	<p>Next, find the common denominator by finding fractions bars that fit exactly under <math>\frac{2}{3}</math> and <math>\frac{1}{2}</math>.</p> 

**Step 3**

Place four  $\frac{1}{6}$  bars together which is equivalent to  $\frac{2}{3}$ . Next subtract three  $\frac{1}{6}$  bars which is equivalent to  $\frac{1}{2}$ . The model below shows  $\frac{4}{6} - \frac{3}{6} = \frac{1}{6}$  which is equivalent to  $\frac{2}{3} - \frac{1}{2} = \frac{1}{6}$



**Directions:** Subtract. Simplify. Use fraction bars and the example above.

31.  $\frac{1}{2} - \frac{1}{3}$

32.  $\frac{1}{3} - \frac{1}{6}$

33.  $\frac{1}{2} - \frac{3}{8}$

34.  $\frac{2}{3} - \frac{1}{9}$

35.  $\frac{3}{5} - \frac{1}{10}$

36.  $\frac{3}{4} - \frac{3}{12}$

37.  $\frac{1}{4} - \frac{1}{12}$

38.  $\frac{1}{2} - \frac{1}{6}$

39.  $\frac{2}{3} - \frac{1}{4}$

Answers: Skill 24E, Grade 4

Answers to test question 24E: 1.  $\frac{2}{8}$  2.  $\frac{2}{6}$

1.  $\frac{2}{8}$  or  $\frac{1}{4}$

2.  $\frac{2}{8}$  or  $\frac{1}{4}$

3.  $\frac{2}{8}$  or  $\frac{1}{4}$

4.  $\frac{1}{4}$

5.  $\frac{2}{4}$  or  $\frac{1}{2}$

6. 0

7.  $\frac{1}{6}$

8.  $\frac{1}{3}$

9.  $\frac{1}{10}$  or  $\frac{3}{4}$

10.  $\frac{1}{14}$

11.  $\frac{1}{12}$

12.  $\frac{1}{9}$

13.  $\frac{1}{10}$

14. 0

15.  $\frac{1}{6}$

16.  $\frac{1}{8}$

17.  $\frac{1}{3}$

18.  $\frac{1}{12}$

19.  $\frac{1}{4}$

20.  $\frac{1}{8}$

21.  $\frac{1}{4}$

22.  $\frac{1}{6}$

23.  $\frac{1}{10}$

24.  $\frac{1}{8}$

25.  $\frac{1}{9}$

26.  $\frac{1}{8}$

27.  $\frac{1}{12}$

28.  $\frac{1}{6}$

29.  $\frac{1}{10}$

30.  $\frac{3}{16}$

31.  $\frac{1}{6}$

32.  $\frac{1}{6}$

33.  $\frac{1}{8}$

34.  $\frac{5}{9}$

35.  $\frac{5}{10}$  or  $\frac{1}{2}$

36.  $\frac{2}{4}$  or  $\frac{1}{2}$

37.  $\frac{2}{12}$  or  $\frac{1}{5}$

38.  $\frac{2}{6}$  or  $\frac{1}{3}$

39.  $\frac{5}{12}$