

Name _____

Subtracting Mixed Numbers

For 1 through 10, find each difference. Simplify, if possible.

1. $10\frac{3}{4}$
 $- 7\frac{1}{4}$

2. $7\frac{3}{7}$
 $- 2\frac{8}{21}$

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

4. $17\frac{7}{8}$
 $- 12\frac{3}{12}$

5. $9\frac{5}{9} - 6\frac{5}{6}$ _____

6. $4\frac{3}{4} - 2\frac{2}{3}$ _____

7. $6\frac{1}{4} - 3\frac{1}{3}$ _____

8. $5\frac{1}{5} - 3\frac{7}{8}$ _____

9. $8\frac{2}{7} - 7\frac{1}{3}$

10. $2\frac{9}{10} - 2\frac{1}{3}$

The table shows the length and width of several kinds of bird eggs.

Egg Sizes in Inches (in.)

| Bird | Length | Width |
|--------------|-----------------|-----------------|
| Canada goose | $3\frac{2}{5}$ | $2\frac{3}{10}$ |
| Robin | $\frac{3}{4}$ | $\frac{3}{5}$ |
| Turtledove | $1\frac{1}{5}$ | $\frac{9}{10}$ |
| Raven | $1\frac{9}{10}$ | $1\frac{3}{10}$ |

11. How much longer is the Canada goose egg than the raven egg?

12. How much wider is the turtledove egg than the robin egg?

13. Which is the difference of $21\frac{15}{16} - 18\frac{3}{4}$?

A $2\frac{7}{16}$

B $2\frac{9}{16}$

C $3\frac{3}{16}$

D $3\frac{9}{16}$

14. Explain why it is necessary to rename $4\frac{1}{4}$ if you subtract $\frac{3}{4}$ from it.
