Homework

Solve.   *Show your work.*

1. Dan's Ice Cream comes in cartons of two sizes. The large carton holds $4\frac{1}{2}$ pounds. The small carton holds $1\frac{3}{4}$ pounds less. How much ice cream does the small carton hold?

_____

2. Mac picked four baskets of blueberries. The weights of the berries in pounds are given below. Order the weights from lightest to heaviest.

$\frac{5}{4}$ $\frac{9}{10}$ $\frac{4}{5}$ $\frac{13}{20}$

_____

3. Four cones of Dan's Ice Cream hold $\frac{1}{2}$ pound. How much ice cream does each cone hold?

_____

4. If a dish of ice cream holds $\frac{1}{4}$ pound, how many dishes can you get from a $4\frac{1}{2}$-pound carton of Dan's Ice Cream?

_____

Solve. Give your answer in simplest form.

5. $3 \div \frac{1}{5} =$ _____

6. $1\frac{3}{4} + \frac{11}{16} =$ _____

7. $\frac{9}{14} \cdot 2\frac{1}{3} =$ _____

8. $2\frac{3}{5} \cdot 6 =$ _____

9. $\frac{1}{3} + \frac{3}{5} =$ _____

10. $\frac{5}{6} + \frac{8}{9} =$ _____

11. $\frac{1}{8} \div 4 =$ _____

12. $\frac{2}{5} - \frac{1}{10} =$ _____

13. $3\frac{5}{7} - 1\frac{1}{2} =$ _____

14. $\frac{7}{8} \cdot \frac{2}{7} =$ _____

Remembering

Use benchmarks of 0, $\frac{1}{2}$, and 1 to estimate the sum or difference. Then find the actual sum or difference.

1. $\frac{5}{10} + \frac{4}{9}$

    Estimate: _____

    Sum: _____

2. $\frac{13}{14} - \frac{3}{7}$

    Estimate: _____

    Difference: _____

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

    Estimate: _____

    Difference: _____

4. $\frac{13}{14} + \frac{3}{4}$

    Estimate: _____

    Sum: _____

Write an equation. Then solve.

Show your work.

5. A rectangle has an area of 20 square feet and a length of 6 feet. What is its width?

_____

6. Bailey attends gymnastics practice for 8 hours each week. This is $\frac{1}{4}$ the number of hours that the gym is open for practice. How many hours is the gym open for practice?

_____

Solve.

7. $\frac{1}{4} \div 3 =$ _____

8. $\frac{1}{4} \cdot 3 =$ _____

9. $14 \cdot \frac{1}{6} =$ _____

10. Stretch Your Thinking How is solving $\frac{1}{8} \div 5$ different from solving $\frac{1}{8} \cdot 5$?

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