

MY Homework

Lesson 9

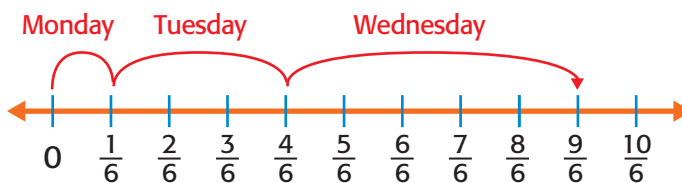
Solve Measurement Problems

Homework Helper



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Harlan walked his dog $\frac{1}{6}$ mile on Monday, $\frac{3}{6}$ mile on Wednesday, and $\frac{5}{6}$ mile on Friday. What is the total distance Harlan walked his dog that week?



Add the three distances. $\frac{1}{6} + \frac{3}{6} + \frac{5}{6} = \frac{9}{6}$

Simplify. $\frac{9}{6} = 1\frac{3}{6}$ or $1\frac{1}{2}$

So, Harlan walked his dog a total of $1\frac{1}{2}$ miles.

Practice

For Exercises 1–3, use the following information.

Marissa bought $2\frac{1}{2}$ gallons of orange juice to make punch.

- How many quarts of orange juice did Marissa buy?

- Marissa bought 6 fewer pints of soda than of orange juice. How many cups of soda did she buy?

- Marissa pours $1\frac{1}{2}$ cups of punch in each glass. How many ounces is each serving?



Problem Solving

For Exercises 4–6, use the following information.


Martin sorted the bolts in his toolbox by size. They measured $\frac{3}{8}$ inch, $\frac{1}{2}$ inch, $\frac{5}{8}$ inch, $\frac{7}{8}$ inch, and $1\frac{1}{4}$ inches.

4. What is the difference in length between the longest bolt and the shortest bolt?

5. If you laid one of each size bolt end-to-end, how long would the row of bolts be?

6. If you laid 9 bolts end-to-end that each measure $\frac{7}{8}$ inch, how long would the row of bolts be?

7. Aurora is moving to a new house. She has lived in her current house for 6 years. How many months is that? How many days?

8. **Mathematical PRACTICE**  **Use Math Tools** Nolan bought 26 yards of heavy-duty rope at the hardware store. The rope costs \$2 per foot. How much did Nolan pay for the rope?

My Work!

Test Practice

9. Kim and her two brothers each use $1\frac{1}{2}$ cups of milk for breakfast. How many fluid ounces of milk do they use in 4 days?

- (A) 144 fl oz (C) 72 fl oz
(B) 108 fl oz (D) 36 fl oz