

Homework Lesson #2- Operations

<p>1. Shane bought a box of red pens, a box of blue pens, a box of green pens, and a box of black pens. Each box contained 24 pens. He kept 4 of each color pen and gave the rest to his friends. How many pens did he give to his friends?</p> <p>A. 16 B. 20 C. 80 D. 96</p>	<p>2. Ed used $\frac{1}{2}$ of a can of paint that contained $8\frac{7}{8}$ gallons of paint. About how much paint did he use?</p> <p>A. 4 gal B. $4\frac{1}{2}$ gal C. 8 gal D. $8\frac{1}{2}$ gal</p>
<p>3. Alexa needs 20.5 pints of blueberries to make jam. She picked 7.75 pints on Friday and 4.25 pints on Saturday. How many more pints does she need to pick?</p> <p>A. 8.5 pints B. 8.25 pints C. 11.5 pints D. 11.75 pints</p>	<p>4. Last week, Dominic jogged $19\frac{3}{4}$ miles. Phyllis jogged $24\frac{1}{8}$ miles. How many more miles did Phyllis jog than Dominic?</p> <p>A. $5\frac{5}{8}$ miles C. $5\frac{3}{8}$ miles B. $4\frac{5}{8}$ miles D. $4\frac{3}{8}$ miles</p>
<p>5. Mr. Parker made $24\frac{1}{4}$ cups of chili for an outdoor barbecue. If each person eats $\frac{3}{4}$ cup of chili, what is a reasonable estimate of the number of people that can be served?</p> <p>A. 16 B. 20 C. 32 D. 48</p>	<p>6. Roy was making decorative banners to hang from the ceiling. He uses 4 gold stars on each side of a banner. He has a total of 128 gold stars. How many banners can Roy make?</p> <p>A. 8 B. 16 C. 32 D. 64</p>
<p>7. Last year's records of a utility company show that $\frac{1}{6}$ of its customers installed new water heaters. If $\frac{3}{5}$ of the new heaters are gas, what fraction of the customers installed gas water heaters?</p> <p>A. $\frac{1}{10}$ C. $\frac{2}{3}$ B. $\frac{1}{5}$ D. $\frac{23}{30}$</p>	<p>8. Flora gets paid by the hour to rake leaves for her neighbors. She worked 4 hours on Saturday and 5 hours on Sunday. She made \$67.50 for the two days. How much money did Flora make on Saturday?</p> <p>A. \$3.75 B. \$30.00 C. 37.50 D. \$54.00</p>

9. Rob has $\frac{15}{16}$ pound of chocolates. He divides it into 5 equal groups. How much does each group weigh?

A. $\frac{5}{16}$ lb C. $\frac{3}{16}$ lb

B. $\frac{1}{4}$ lb D. $\frac{1}{8}$ lb

10. Tickets for a concert cost \$23 if you buy them in advance. They cost \$9 more if you buy them the day of the show. About how much would it cost to buy 6 tickets on the day of the show?

A. \$30

B. \$66

C. \$120

D. \$192

11. Sharlene and Ric are making fruit salad. Sharlene bought $2\frac{3}{4}$ lb of grapes. Ric bought 4.5 lb of apples. How many pounds of fruit do they have?

A. 7.25 lb

B. 6.8 lb

C. 3.2 lb

D. 1.75 lb

12. Art is reading a book for school. He read $\frac{3}{4}$ of the book last weekend and $\frac{1}{8}$ this morning. What fraction of the book has he read so far?

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

C. $\frac{3}{4}$

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

D. $\frac{7}{8}$

13. A factory worker has 5,500 puzzles to pack into cartons that each hold 785 puzzles. How many puzzles will be left over after the last box is full?

A. 5

B. 6

C. 7

D. 8

14. Mr. Ngo has 51.8 meters of fancy braid for a crafts project. Each student needs 1.4 meters. How many students can do the project?

A. 0.37

B. 3.7

C. 37

D. 307

15. Burt walked $3\frac{1}{4}$ hours at an average speed of $4\frac{1}{2}$ miles per hour. How far did he walk?

A. $12\frac{1}{8}$ miles

C. $14\frac{1}{8}$ miles

B. $12\frac{3}{4}$ miles

D. $14\frac{5}{8}$ miles

16. Barb surveyed 839 people and found that 7 out of 15 people want a new city park. Which is the best estimate of the number of people who said they want the new park?

A. 200

B. 400

C. 600

D. 700