

- 1 Martha baked an apple pie for her family and cut it into 8 pieces. The family ate $\frac{2}{8}$ of the pie on Tuesday, $\frac{6}{8}$ of the pie on Wednesday, and $\frac{4}{8}$ of the pie on Thursday.

Fill in the oval next to the true statement.

- There are 4 people in the family.
- Some did not eat pie.
- This story is impossible.
- Each person ate 2 pieces.



- 3 Estimate and then solve.

$$\begin{array}{r} 784 \\ * \quad 9 \\ \hline \end{array}$$


Estimate:

Answer: _____



- 2 Joy Lee added together 8 ounces of butter, 1 pound of flour, 2 ounces of powdered sugar, and 12 ounces of regular sugar in a bowl. She thinks she has 23 ounces of ingredients in the bowl. Is she correct? Explain.

- 4 Use your fraction circle pieces to solve this problem.

If  is $\frac{2}{3}$, what is the whole?

- 5 **Writing/Reasoning** Explain how you found the answer to Problem 4.



- 1 Six boxes of gum balls spilled onto the floor. Bonnie picked up enough to fill $2\frac{1}{6}$ boxes, Carl picked up $2\frac{2}{6}$ boxes, and Betty picked up $1\frac{2}{6}$ boxes. How many boxes of gum balls did they pick up?

Answer: _____ boxes

Did they find all of the gum balls?



- 2 Draw 2 rays with the same endpoint. Label the endpoint E . Label a point on each of the rays.

Name one ray.

Name another ray.

Name the shape the 2 rays make.



- 3 A lamp at Benson's Lighting costs \$26 less than the same \$203 lamp at Lights and More. If Jeremy buys the lamp at Benson's, along with lightbulbs for \$18, how much change will he receive from \$200?

Answer: \$ _____



- 4 Circle the fraction that is not equivalent.

a. $\frac{2}{10}$ $\frac{3}{6}$ $\frac{1}{5}$ $\frac{20}{100}$

b. $\frac{3}{5}$ $\frac{2}{4}$ $\frac{4}{8}$ $\frac{1}{2}$

c. $\frac{3}{12}$ $\frac{2}{8}$ $\frac{3}{10}$ $\frac{1}{4}$

d. $\frac{1}{3}$ $\frac{3}{8}$ $\frac{2}{6}$ $\frac{4}{12}$



5 $\frac{4}{100} + \frac{9}{10} = w$

Fill in the circle next to the best answer.

A. $w = \frac{13}{10}$

B. $w = \frac{13}{100}$

C. $w = \frac{94}{100}$

D. $w = \frac{49}{100}$



- 6 Use $<$, $>$, or $=$ to make the number sentences true.

a. 7.89 _____ 7.9

b. 4.52 _____ 4.09

c. 0.60 _____ 0.6

d. 9.01 _____ 8.97



- 1 Teri and her brother each got large boxes of popcorn at the theater. Teri had $\frac{5}{6}$ of her popcorn left at the end of the movie. Her brother had only $\frac{2}{6}$ of his popcorn left.

How much more of his box of popcorn did her brother eat than Teri?

Answer: _____ of a box



- 2 Joy bought 6 extra-large bottles of juice on sale. Each bottle contains 3 liters of juice. How many millimeters of juice did she buy?

_____ millimeters



- 3 Multiply using partial products.

$$\begin{array}{r} 67 \\ * 59 \\ \hline \end{array}$$



- 4 Ms. Swanson has a backyard measuring 36 feet by 42 feet. How many square feet of space is the backyard?

Number model with unknown:

Answer: _____ square feet



- 5 **Writing/Reasoning** Explain the steps you used to find the answer to Problem 3.



1 Subtract.

a. $2\frac{3}{4} - 1\frac{2}{4} =$ _____

b. _____ $= 2\frac{5}{8} - 1\frac{6}{8}$

c. $3\frac{5}{10} - 2\frac{8}{10} =$ _____

d. _____ $= 4\frac{2}{6} - 1\frac{5}{6}$



3 Chuck and Miles filled $\frac{3}{4}$ of a bag with leaves in the morning. In the afternoon they filled $\frac{3}{4}$ of another bag. In all, how many bags did they fill? Fill in the circle next to all that apply.

(A) $\frac{6}{4}$ bags

(B) $\frac{6}{8}$ of a bag

(C) $1\frac{1}{2}$ bags

(D) $1\frac{2}{4}$ bags



4 The Sunrise Food bakers need to order flour. The shelves for flour can only hold 30 kilograms of weight. The bakers ordered 9,641 grams of white flour, 5,309 grams of unbleached flour, 8,962 grams of rye flour, and 5,301 grams of gluten-free flour. How many more grams can the shelves hold?

Answer: _____ grams



5 **Writing/Reasoning** In Problem 2b, you compared 0.09 to 0.30. How did you decide which was larger?



- 1 A pizza was cut into twelfths. Brooke ate $\frac{5}{12}$ and Blair ate $\frac{4}{12}$. How much pizza is left?

Answer: _____



- 2 a. Tess brought 23 gallons of cider for the Fall Festival. How many cups is that?

Answer: _____ cups

- b. If Tess sells all the cider for \$2 per cup, how much money will she collect?

Answer: _____



- 3 Multiply using partial products.

a.
$$\begin{array}{r} 74 \\ * 57 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 58 \\ * 85 \\ \hline \end{array}$$



- 4 Find the area of rectangles with the following dimensions.

- a. Length: 70 ft

Width: 8 ft

Area: _____ sq ft

- b. Width: 9 yd

Length: 40 yd

Area: _____ sq yd



- 5 **Writing/Reasoning** Explain how you solved Problem 1.



1 Subtract.

a. $1\frac{1}{8} - \frac{3}{8} =$ _____

b. _____ $= 2\frac{5}{10} - 1\frac{6}{10}$

c. _____ $= 4\frac{1}{3} - 1\frac{2}{3}$

d. $5\frac{1}{6} - 2\frac{5}{6} =$ _____

SRB
164-165

SRB
154-155

3 Two sisters gathered eggs from the chicken coop. Coleen collected $\frac{9}{12}$ dozen and Mitzi collected $\frac{11}{12}$ dozen. How many dozens of eggs did the sisters collect? Write a number model to show your solution.

Number model with unknown:

Answer: _____ dozen

SRB
47,
160-161

4 At the Pick-Your-Own blueberry patch, the Larch family hopes to pick 25 kilograms of blueberries. Fiona picked 3,467 grams, and Kevin picked 6,103 grams. Their twin siblings worked together to pick 9,211 grams. How many grams of blueberries do the parents need to pick to reach their goal?

Answer: _____ grams

SRB
188-189

5 Writing/Reasoning Tanya and Robert got different answers when they added $\frac{9}{12} + \frac{11}{12}$ in Problem 3. Tanya got $1\frac{8}{12}$, and Robert got $\frac{20}{24}$.

Who is correct? _____

Explain why the other answer is not correct.

SRB
160-161

