

What Is the Friendliest Kind of Airplane?

Cross out the box containing each correct answer. When you finish, write the letters from the remaining boxes in the spaces at the bottom of the page.

- ① Bill made 5 gallons of fruit punch. If $\frac{1}{4}$ of the punch was cranberry juice, how much cranberry juice did he use?
_____ gal
- ⑥ A bottle of root beer contains $\frac{4}{5}$ of a liter. How much root beer is in 3 bottles? _____ L
- ② A high-speed computer printer prints a page in $\frac{1}{6}$ second. Using this printer, how long would it take to print 30 pages? _____ s
- ⑦ In Mr. Prime's class, $\frac{9}{10}$ of the students had done their homework. Of these, $\frac{2}{3}$ had all correct answers. What fraction of the whole class had all correct answers? _____
- ③ A recipe for pancakes calls for 1 cup of pancake mix and $\frac{3}{4}$ cup of milk. How much milk is needed to make $\frac{1}{2}$ the recipe? _____ c
- ⑧ 14-karat gold is $\frac{7}{12}$ pure gold and $\frac{5}{12}$ other metals. How much pure gold is in 4 ounces of 14-karat gold? _____ oz
- ④ The students at Mix Middle School painted a mural 25 feet long. The height was $\frac{3}{10}$ of the length. How high was the mural? _____ ft
- ⑨ A lemon pie was cut into 6 equal pieces. Being on a diet, Matilda ate only half a piece. What fraction of the whole pie did she eat? _____
- ⑤ The Avocados own a $\frac{1}{4}$ -acre orchard. Two fifths of the orchard is planted in orange trees. What fraction of an acre is planted in orange trees? _____
- ⑩ Rachel has a collection of 40 stuffed animals. Of the animals, $\frac{3}{8}$ are bears and $\frac{1}{5}$ are dogs. The rest are other animals. How many other animals does she have? _____

IT $\frac{1}{10}$	AH $2\frac{1}{2}$	OT 17	EL $\frac{1}{9}$	AD $7\frac{1}{2}$	IN $1\frac{1}{4}$	LO 14	VE $\frac{1}{12}$
FL $\frac{3}{5}$	CO $\frac{1}{2}$	ME 5	YU $2\frac{1}{3}$	PT 10	OP $\frac{3}{8}$	OV $2\frac{2}{5}$	ER $8\frac{1}{5}$

What Did the Food Critic Say About the Restaurants in Australia?

Find the value of each expression. Use the values for the variables given in the chart below. Write the letter of each exercise in the box under its answer.

$a = \frac{1}{2}$			$b = \frac{1}{3}$			$c = \frac{3}{4}$			$d = \frac{2}{5}$		
$m = 2$			$n = 5$			$x = 6$			$y = 10$		

(E) ax	(R) bx	(Y) cx
(H) ay	(E) bnx	(T) dy
(T) amx	(H) ab	(S) $24a$
(E) any	(E) bc	(V) $24b$

6	$\frac{1}{6}$	25	$4\frac{1}{2}$	9	12	3	2	8	$\frac{1}{4}$	$3\frac{1}{2}$	4	5	10

(T) $a + b$	(A) $a - b$	(S) $\frac{x}{a}$
(A) $a + c$	(O) $c - b$	(L) $\frac{y}{b}$
(E) $a + d$	(E) na	(T) $m - a$
(B) $b + d$	(A) $\frac{n}{a}$	(K) $\frac{4}{3}c$

$\frac{11}{15}$	$2\frac{1}{2}$	12	$\frac{5}{6}$	$\frac{7}{12}$	1	$\frac{5}{12}$	$1\frac{1}{4}$	30	$\frac{1}{6}$	24	$1\frac{1}{2}$	$\frac{9}{10}$	10