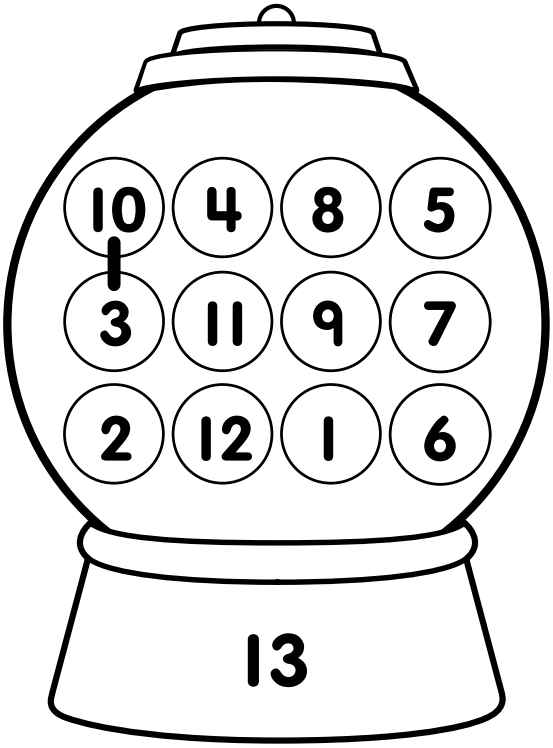
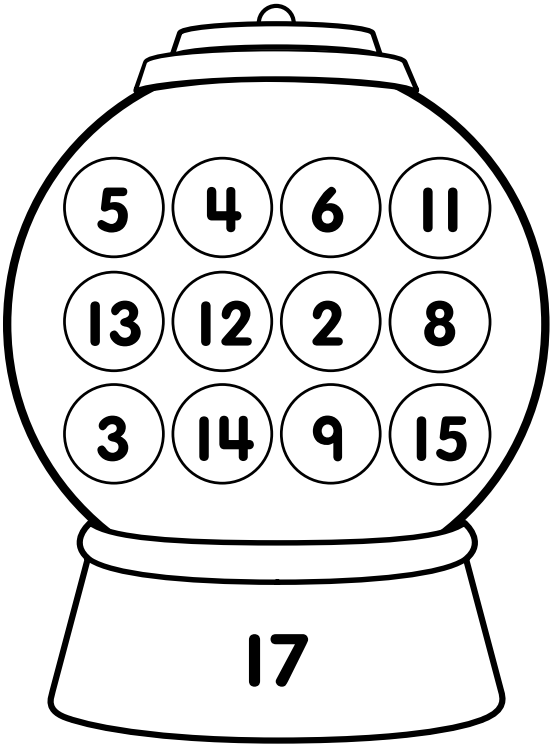
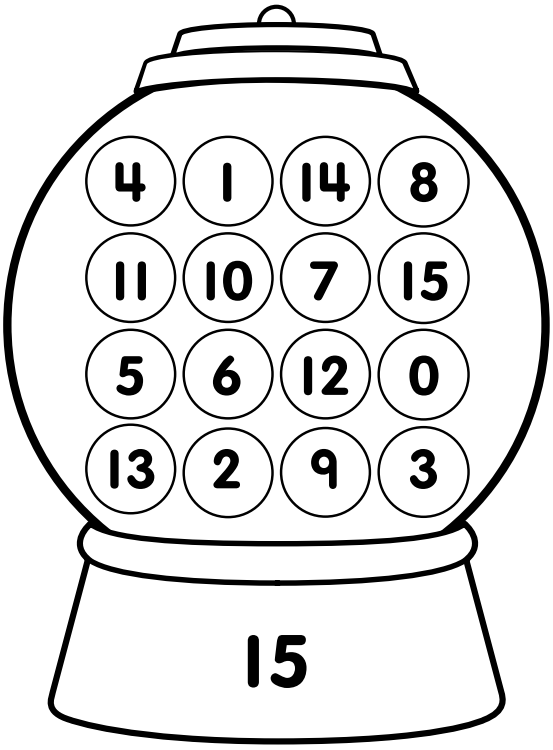
Double Bubble Addition

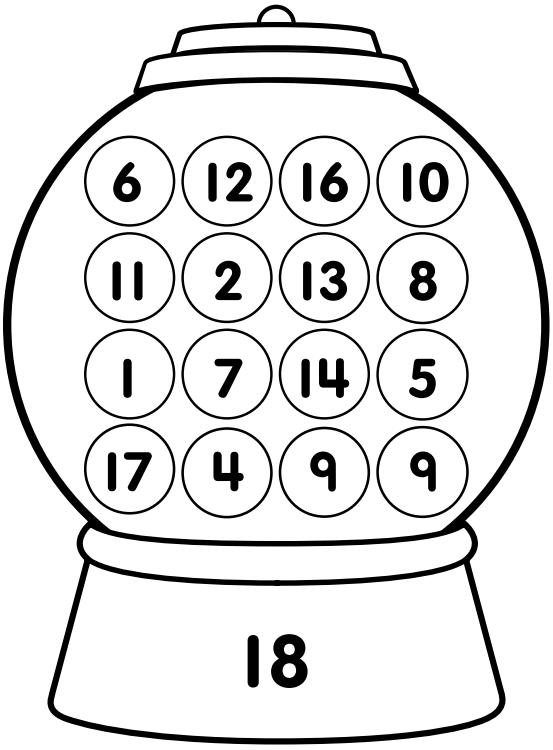
Can you empty each gumball machine?

Draw lines to make pairs of gumballs that add up to the amount shown on the gumball machine. Pairs can be across, down, or diagonal. The first pair has been done for you.



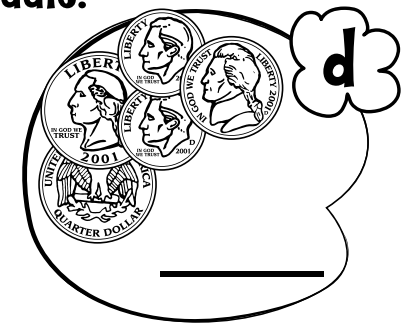


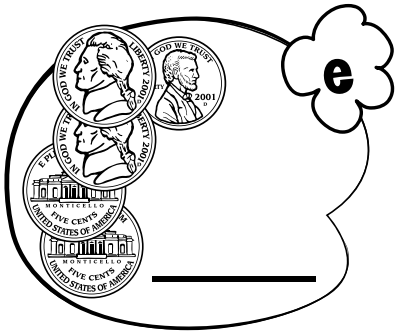


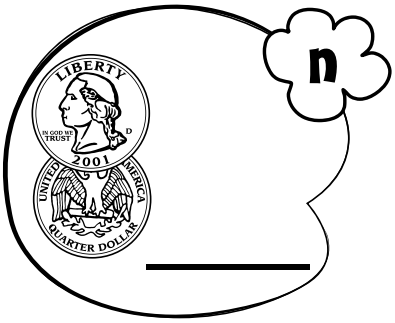


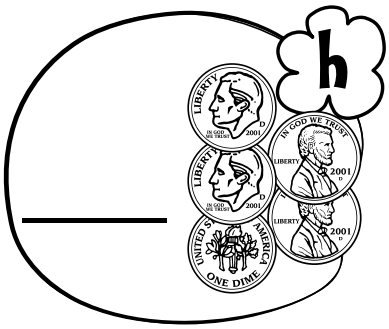
Hopping to Money

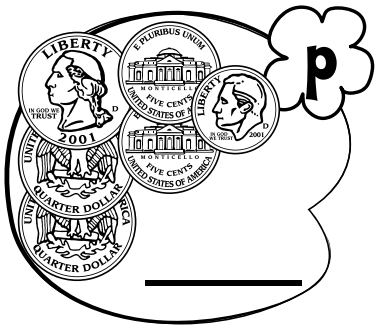
Write the value of each group of coins on the lily pad.
Use the code to answer the riddle.

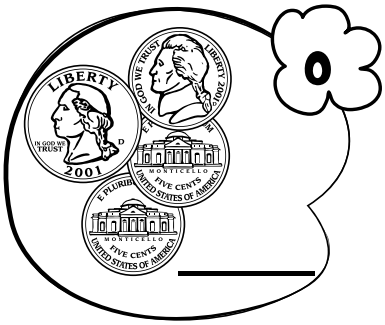


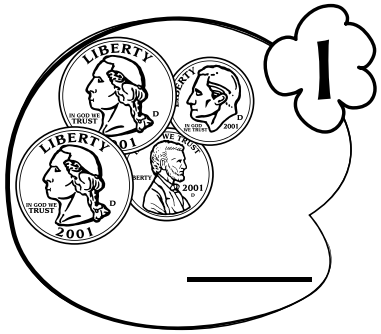


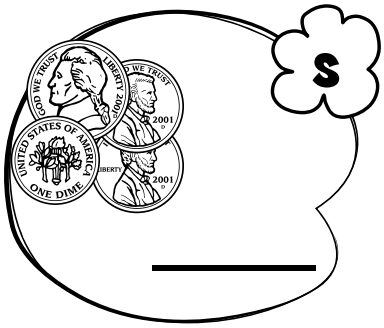


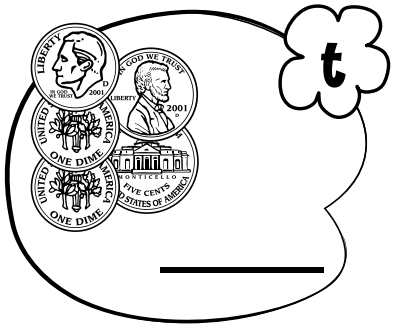












What kind of shoes do frogs wear?

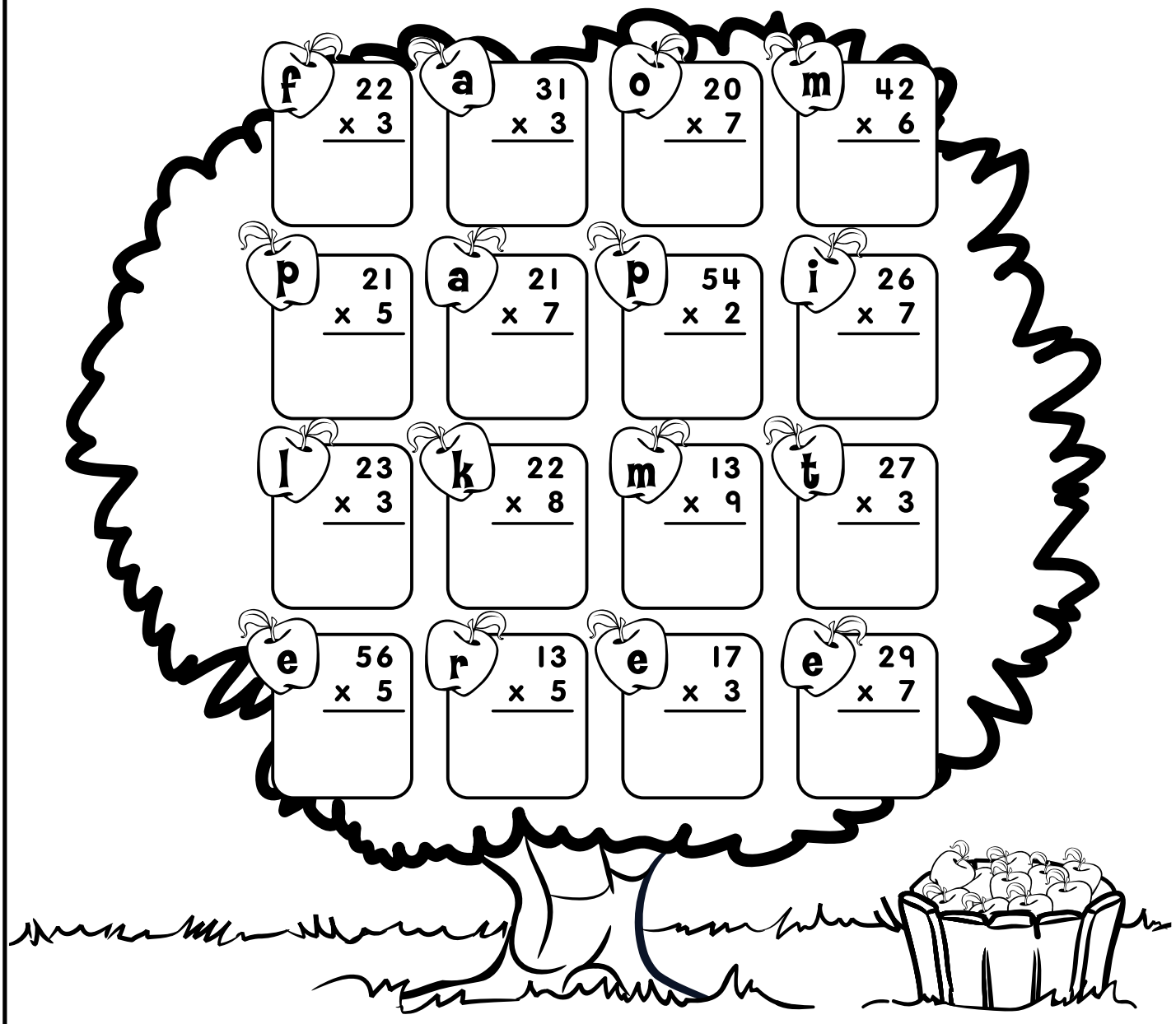
36¢	40¢	56¢	75¢		17¢	32¢	40¢	21¢	17¢

40¢	95¢	21¢	50¢

Tree-mendous Multiplication

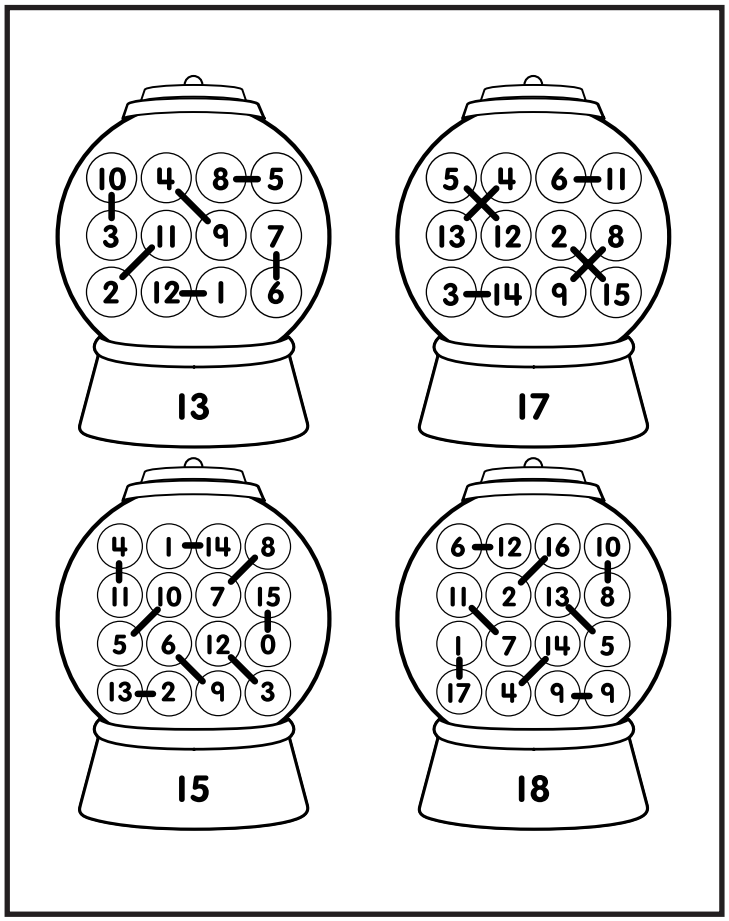
What kind of tree grows on your hand?

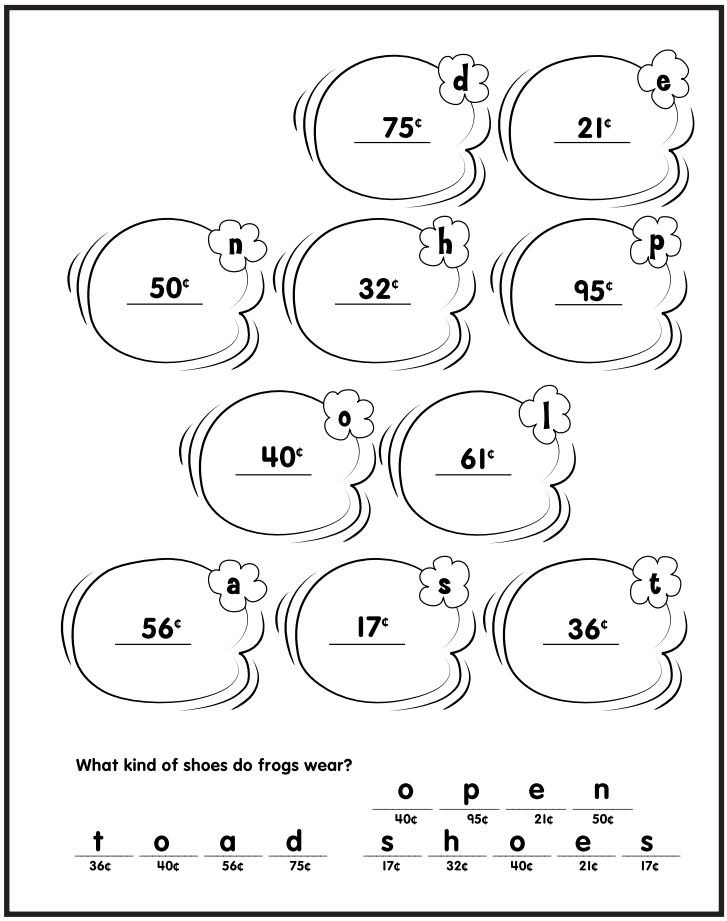
To find the answer to the riddle, solve each problem. Put an "X" on the apple if the answer is an EVEN number. Then write the leftover letters on the lines at the bottom in the same order as they appear in the puzzle.

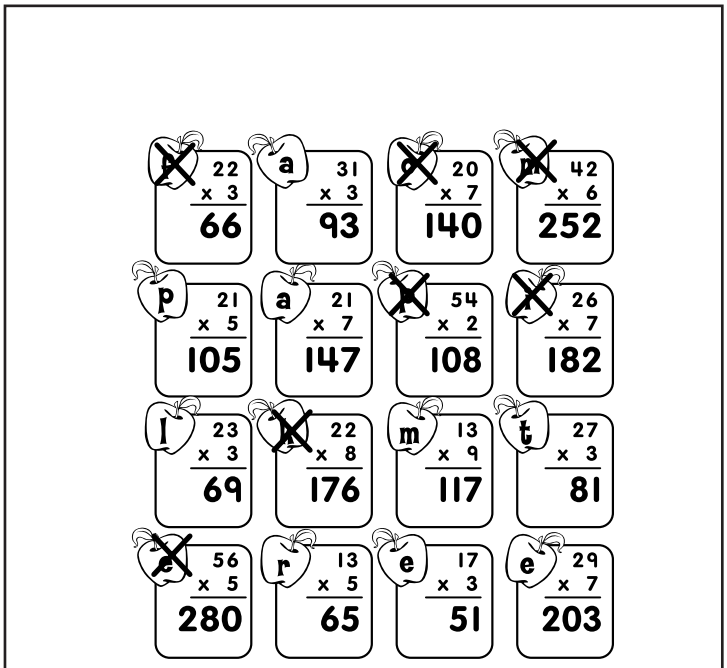


_____ _____ _____ _____ _____ _____ _____ _____ _____

Answer Key







Humorous Neighbors

Mr. Even and Mr. Odd are neighbors who love to tell jokes. If only their punch lines didn't get so mixed up! Can you help them find the punch line to each joke?

Solve each problem. If the answer is even, write the word in Mr. Even's house. If the answer is odd, write the word in Mr. Odd's house. Then unscramble the words to answer the jokes.

Why did the scientist put a knocker on her door?

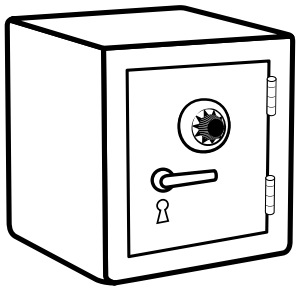
Mr. Even

Why did the football coach go to the bank?

Mr. Odd

bell 257 x 14	wanted 78 x 39	the 220 x 37	get 97 x 47
to 52 x 29	a 273 x 13	win 380 x 25	to 305 x 31
quarterback 49 x 33	She 59 x 36	prize 125 x 54	no 542 x 63

Crack the Expression Safe



Crack the code to solve the riddle.

For each word phrase, circle the key with the matching expression. Then write the letter from each circled key in its place on the lines at the bottom.

1. 4 times the number	**D** $4n$	**E** $n+4$	**R** $n \div 4$
2. Students equally shared 98 cookies	**E** $n \times 98$	**D** $n \div 98$	**O** $98 \div n$
3. 7 pennies less than Kelsey has	**Y** $n-7$	**A** $7-n$	**T** $n+7$
4. Total number of dishes divided into 12 boxes	**H** $12 \div n$	**E** $n \div 12$	**T** $n \times 12$
5. 8 pens more than Dylan has	**L** $n+8$	**G** $8-n$	**A** $n \div 8$
6. 8 stars less than half the number of Tracey's	**N** $(n \div 2)+8$	**W** $(n \div 2)-8$	**L** $8-(\frac{1}{2} \div n)$
7. 5 cookies less than twice the number of Lynn's	**E** $5-2n$	**N** $(n \div 2)-5$	**O** $2n-5$
8. 10 stickers more than three times the number of Ari's	**U** $10-3n$	**S** $(n \div 3)+10$	**O** $3n+10$
9. Three less than the number of Kelly's stickers	**E** $3-n$	**H** $n-3$	**S** $n+3$

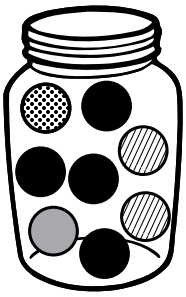
Where do termites go for a vacation?

					–				
9	7	5	4	3		6	2	8	1

Name the Person

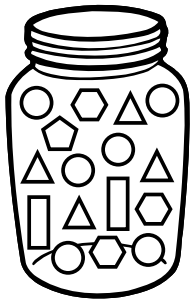
Look at the jar beside each puzzle. Write the probability of each event as a fraction in its simplest form. Then use the letter code at the bottom to find the names of famous figures.

1 I am a fictional character who is the star of a popular series of books. I go to a special school and have a very recognizable mark on my face.

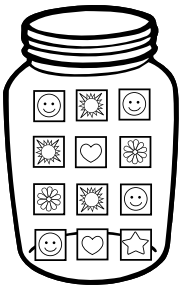


not gray	spotted	gray or striped	not black or gray	black and striped
$\frac{7}{8}$				
H				

triangle or hexagon	not a circle	triangle	hexagon or pentagon	circle or rectangle	circle



2 I wrote several children's books, including *Stuart Little*, *Charlotte's Web*, and *The Trumpet of the Swan*.



heart and face	not a flower	not a star or sun	heart	flower or heart	heart or star	flower or face

Letter Code

$\frac{5}{6}$ = B	$\frac{5}{8}$ = O	$\frac{1}{2}$ = E	$\frac{1}{8}$ = A	$\frac{1}{6}$ = H	$\frac{1}{3}$ = I	$\frac{3}{4}$ = Y
	$\frac{7}{16}$ = P	$\frac{1}{4}$ = T	$\frac{7}{8}$ = H	$\frac{2}{3}$ = W	$\frac{3}{8}$ = R	

Answer key

$\frac{7}{8}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{4}$
H	A	R	R	Y

$\frac{7}{16}$	$\frac{5}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{8}$
P	O	T	T	E	R

$\frac{1}{2}$	$\frac{5}{6}$	$\frac{2}{3}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{2}$
E	B	W	H	I	T	E

Why did the scientist put a knocker on her door?

Mr. Even

She wanted to win the no bell prize.

Why did the football coach go to the bank?

Mr. Odd

to get a quarterback

bell 257 x 14 1,028 + 2,570 3,598	wanted 78 x 39 702 + 2,340 3,042	the 220 x 37 1,540 + 6,600 8,140	get 97 x 47 679 + 3,880 4,559
to 52 x 29 468 + 1,040 1,508	a 273 x 13 819 + 2,730 3,549	win 380 x 25 1,900 + 7,600 9,500	to 305 x 31 305 + 9,150 9,455
quarterback 49 x 33 147 + 1,470 1,617	She 59 x 36 354 + 1,770 2,124	prize 125 x 54 500 + 6,250 6,750	no 542 x 63 1,626 + 32,520 34,146

1. 4 times the number — D $4n$ | E $n+4$ | R $n \div 4$
2. Students equally shared 98 cookies — E $n \times 98$ | D $n \div 98$ | O $98 \div n$
3. 7 pennies less than Kelsey has — Y $n-7$ | A $7-n$ | T $n+7$
4. Total number of dishes divided into 12 boxes — H $12 \div n$ | E $n \div 12$ | T $n \times 12$
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9. Three less than the number of Kelly's stickers — E $3-n$ | H $n-3$ | S $n+3$

Where do termites go for a vacation?

H	O	L	E	Y	-	W	O	O	D
9	7	5	4	3		6	2	8	1