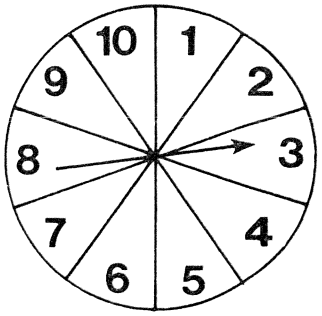
What Is Long And Yellow And Never Rings?

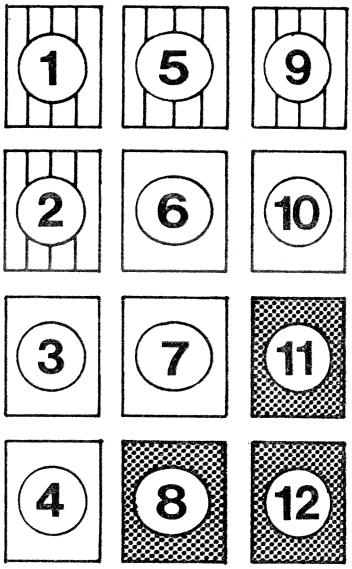
Find the answer to any question below in the boxes at the bottom of the page. Write the letter of that question in the box above its correct answer. Keep working and you will discover the answer to the title question.

A spinner is shown at the right. If the arrow is spun, what is the probability that it will stop on:



(E) a multiple of 3?
(N) a multiple of 2?
(A) a multiple of 3 *and* a multiple of 2?
(I) a multiple of 3 *or* a multiple of 2?

Suppose that one card is drawn at random from the 12 cards shown at the right. What is the probability that the card is:



(A) white?
(N) numbered with a multiple of 3?
(D) white *and* numbered with a multiple of 3?
(N) white *or* numbered with a multiple of 3?
(T) shaded?
(A) numbered with a number less than 10?
(N) shaded *and* numbered with a number less than 10?
(U) shaded *or* numbered with a number less than 10?

Pink and Purple Car Company owns the following cars: 1 pink Ford, 4 pink Chevrolets, 5 purple Fords, and 3 purple Chevrolets. If one of these cars is chosen at random, what is the probability that it is:

(A) a Ford?
(S) pink?
(B) pink *and* a Ford?
(L) pink *or* a Ford?

	PINK	PURPLE
FORD	1	5
CHEVROLET	4	3

$\frac{1}{10}$	$\frac{7}{12}$	$\frac{11}{12}$	$\frac{1}{3}$	$\frac{10}{13}$	$\frac{7}{10}$	$\frac{5}{13}$	$\frac{1}{4}$	$\frac{3}{10}$	$\frac{1}{6}$	$\frac{1}{13}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{6}{13}$	$\frac{1}{12}$	$\frac{5}{12}$