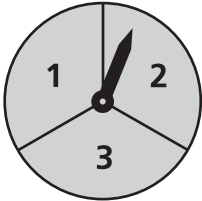


**Write the correct answer.**

**For 1 and 2, use the spinner and the table. In an experiment, Victor spun the spinner twice and recorded his results in each of ten trials. The table shows the ten outcomes.**



Trial	Spin 1	Spin 2
1	1	2
2	2	1
3	3	2
4	2	3
5	3	3

**1** What are all the possible outcomes of the experiment?

**(1,1), (1,2), (1,3), (2,1), (2,2)**

**(2,3), (3,1), (3,2), (3,3)**

**2** In what fraction of the trials did the spinner land on 2 at least one time?

**$\frac{4}{5}$**

**For 3–6, use the set of cards.**

6	7	8	9	10
11	12	13	14	15

**If you pick one card from the set, what is the probability that you will pick**

**3** A number less than 5?

**0**

**4** A number divisible by 5?

**$\frac{1}{5}$**

**5** A number greater than 12?

**$\frac{3}{10}$**

**6** An odd number?

**$\frac{1}{2}$**

**7** Mrs. Wallace made a list of each student's final math score in her fifth-grade class.

95	99	85	82	90
75	85	100	85	79
95	80	90	89	88
87	95	80	91	93
79	85	94	95	86

Make a table to help you answer the question. What fraction of the students have a math score greater than 85?

**$\frac{3}{5}$**

**For 8–10, use this information.**

The librarian sampled the books in a crate of used books. She pulled 20 books from the crate. Of those books, 12 were fiction and 8 were nonfiction.

- 8 About what fraction of the books are nonfiction?

$\frac{2}{5}$

- 9 About what fraction of the books are fiction?

$\frac{3}{5}$

- 10 If there are 200 books in the crate, what is a reasonable prediction for the number of nonfiction books?

80

- 11 What fraction and what percent have the same value as 0.6?

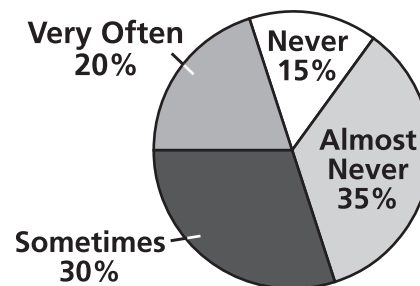
$\frac{3}{5}$  or  $\frac{6}{10}$ ; 60%

- 12 There are 50 students in the fifth grade. If 26 of them are boys, what percent of the students are boys?

52%

**For 13–15, use the circle graph. It shows the responses of about 200 families.**

**HOW OFTEN DO YOU EAT DINNER AT A FAST-FOOD RESTAURANT?**



- 13 Which response was given most often?

almost never

- 14 About how many families said they never eat dinner at a fast food restaurant?

about 30

- 15 About how many families said they either eat dinner at a fast food restaurant sometimes or very often?

about 100