

Books Never Written

'Getting What They Owe You by

16 9 2 15 11 7 1

How to Get Into Shape by

8 13 16 5 10 2 15 7 13 2

Most Embarrassing Moment by

14 9 12 4 14 6 16 3 5 12

ABOVE ARE THE TITLES OF THREE "BOOKS NEVER WRITTEN." TO DECODE THE NAMES OF THEIR AUTHORS:

Do each exercise below. Find your answer and notice the letter next to it. Each time the exercise number appears in the code, write this letter above it.

I. Find the number. Use a fraction or a decimal for the percent.

- | | |
|---|------------------------------|
| ① 25% of what number is 16? | ② 10% of what number is 80? |
| ③ 36% of what number is 72? | ④ 4% of what number is 25? |
| ⑤ 92% of what number is 69? | ⑥ 65% of what number is 5.2? |
| ⑦ 20% of what number is 3.4? | ⑧ 44% of what number is 55? |
| ⑨ $33\frac{1}{3}\%$ of what number is 21? | ⑩ 50% of what number is 7.5? |

II. Solve.

- ⑪ The fastest speed recorded for a runner is 27 miles per hour. This is 20% of the fastest speed for a water skier. Find the record for a water skier. _____ mph
- ⑫ Bowser's dog food is 60% meat. If Bowser needs 24 oz of meat each week, how many ounces of dog food should he eat? _____ oz
- ⑬ The length of a ship model is 3% of the length of the actual ship. The model is 1.5 m long. How long is the actual ship? _____ m
- ⑭ Students at Lincoln Middle School sell gift wrap to raise money for student activities. The school keeps 40% of sales. How many dollars worth of gift wrap must be sold to make \$1,000? \$ _____
- ⑮ An airline knows that only about 75% of those who make a reservation actually buy a ticket. At this rate, how many reservations should the airline accept to fill a plane with 180 seats? _____
- ⑯ Safe Side Bank pays an interest rate of 8% per year on certificate accounts. How much money must be put into an account to earn \$60 in one year? \$ _____

Answers

- Ⓘ 75
 Ⓜ 240
 Ⓤ 63
 Ⓓ 236
 Ⓒ 40
 Ⓦ 64
 Ⓢ 750
 Ⓐ 8
 ⓧ 125
 Ⓣ 200
 Ⓩ 15
 Ⓕ 2,500
 Ⓔ 800
 Ⓟ 600
 Ⓞ 17
 Ⓝ 135
 Ⓨ 625
 Ⓡ 50
 Ⓚ 2,150