

Question ID bd90f87e

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Problem-Solving and Data Analysis	Percentages	<div><div></div><div></div><div></div></div>

ID: bd90f87e

1.1

A table of the US minimum wage for 6 different years is shown below.

Year	US minimum wage (dollars per hour)
1960	1.00
1970	1.60
1980	3.10
1990	3.80
2000	5.15
2010	7.25

What was the percent increase of the minimum wage from 1960 to 1970?

- A. 30%
- B. 60%
- C. 62.5%
- D. 120%

Question ID 8705ecba

Assessment	Test	Domain	Skill	Difficulty
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ID: 8705ecba

1.2

The cost of a certain shirt is \$20 before a 5% sales tax is added. What is the total cost, including sales tax, to purchase the shirt?

- A. \$20.05
- B. \$20.50
- C. \$21.00
- D. \$25.00

Question ID 191d167b

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ID: 191d167b

1.3

Last year, **200** students enrolled in an interior design program. This year, the number of students enrolled is **147%** of last year's number. How many students are enrolled in the interior design program this year?

- A. **247**
- B. **294**
- C. **347**
- D. **394**

Question ID bb7c8186

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ID: bb7c8186

1.4

What is **23%** of **100**?

- A. **23**
- B. **46**
- C. **77**
- D. **123**

Question ID 949cd96b

Assessment	Test	Domain	Skill	Difficulty
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ID: 949cd96b

1.5

The length of the base of a certain parallelogram is **89%** of the height of the parallelogram. Which expression represents the length of the base of the parallelogram, where **h** is the height of the parallelogram?

- A. **$89h$**
- B. **$0.089h$**
- C. **$8.9h$**
- D. **$0.89h$**

Question ID 28c6bd8c

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ID: 28c6bd8c

1.6

Where Do People Get Most of Their Medical Information?

Source	Percent of those surveyed
Doctor	63%
Internet	13%
Magazines/brochures	9%
Pharmacy	6%
Television	2%
Other/none of the above	7%

The table above shows a summary of 1,200 responses to a survey question. Based on the table, how many of those surveyed get most of their medical information from either a doctor or the Internet?

- A. 865
- B. 887
- C. 912
- D. 926

Question ID 7ed0d098

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ID: 7ed0d098

1.7

Lani spent 15% of her 8-hour workday in meetings. How many minutes of her workday did she spend in meetings?

- A. 1.2
- B. 15
- C. 48
- D. 72

Question ID 77cf4fa6

Assessment	Test	Domain	Skill	Difficulty
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ID: 77cf4fa6

1.8

There are **170** blocks in a container. Of these blocks, **10%** are green. How many blocks in the container are green?

Question ID 2d31caae

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ID: 2d31caae

1.9

Call Ratings

	1 Star	2 Stars	3 Stars	4 Stars	Total
Employee A	16	49	72	8	145
Employee B	4	10	22	34	70
Employee C	8	56	45	16	125
Employee D	22	42	84	12	160
Total	50	157	223	70	500

A supervisor at a call center reviewed 500 calls taken by four employees and rated the employees’ performance on each call on a scale from 1 star to 4 stars. The ratings for each employee are shown in the table above. According to the table, to the nearest whole percent, what percent of Employee A’s calls received a rating of 1 star?

- A. 3%
- B. 11%
- C. 16%
- D. 32%

Question ID 194ae3b1

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ID: 194ae3b1

1.10

There were approximately 113,000 occupational therapy jobs in the United States in 2012. The Bureau of Labor Statistics has projected that this number will increase by 29% from 2012 to 2022. Of the following, which is closest to the number of occupational therapy jobs the bureau has projected for the United States in 2022?

- A. 115,900
- B. 116,300
- C. 142,000
- D. 145,800

Question ID a8fabad0

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ID: a8fabad0

1.11

A waiter receives tips from each customer. On average, the tip is 15% of the customer’s bill. At this rate, which of the following is closest to the tip the waiter can expect when a customer has a bill that is \$78.20?

- A. \$8.00
- B. \$10.00
- C. \$12.00
- D. \$14.00

Question ID 1c2f50a6

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ID: 1c2f50a6

1.12

During a sale, the original prices of all the items in a clothing store have been reduced by 20%. What is the sale price of a jacket with an original price of \$50 ?

- A. \$12
- B. \$30
- C. \$36
- D. \$40

Question ID 048811bd

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ID: 048811bd

1.13

What is 10% of 370?

- A. 27
- B. 37
- C. 333
- D. 360

Question ID 6e4a60dd

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ID: 6e4a60dd

1.14

Rita’s total bill at a restaurant was \$25.00, including tax. If she left a tip of 20% of the total bill, what was the amount of the tip?

- A. \$3.50
- B. \$4.00
- C. \$4.50
- D. \$5.00

Question ID 41b71b4e

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ID: 41b71b4e

1.15

What number is 20% greater than 60 ?

- A. 50
- B. 72
- C. 75
- D. 132

Question ID 93724cc6

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ID: 93724cc6

1.16

21 is 21% of what number?

- A. 0
- B. 1
- C. 42
- D. 100