

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Problem-Solving and Data Analysis	Percentages	Easy

ID: 2e491241

There are 250 trees in a park. Of these trees, 6% are birch trees. How many birch trees are in the park?

- A. 6
- ~~B. 15~~
- C. 75
- D. 244

$0.06(250) = 15 //$

Question ID bd287a21

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Problem-Solving and Data Analysis	Percentages	Easy

ID: bd287a21

What percentage of 300 is 75?

- ~~A. 25%~~
- B. 50%
- C. 75%
- D. 225%

$$\frac{\cancel{X} 300}{100} = 75$$
$$\cancel{X} = 25 //$$

Question ID 309344bd

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Problem-Solving and Data Analysis	Percentages	Easy

ID: 309344bd



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 f664bd69

Assessment	Test	Domain	Skill	Difficulty
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ID: f664bd69



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

Question ID 4f6f2989

Assessment	Test	Domain	Skill	Difficulty
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ID: 4f6f2989

What is 10% of 370?

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

$0.1 (370) = 37 //$

Question ID 5bfefc23

Assessment	Test	Domain	Skill	Difficulty
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ID: 5bfefc23

Of 900,000 beads, 828,000 are silver. What percentage of the beads are silver?

- A. 8%
- B. 36%
- C. 72%
- ~~D. 92%~~

$$\frac{828,000}{900,000} = 92\%$$

Question ID 742193f4

Assessment	Test	Domain	Skill	Difficulty
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ID: 742193f4

There are 320 marbles in a container. Of these marbles, 10% are red. How many marbles in the container are red?

- ~~X~~ 32
- 0.1(320) = 32 //
- B. 288
- C. 320
- D. 352

Question ID 652b6d2b

Assessment	Test	Domain	Skill	Difficulty
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ID: 652b6d2b

What is 20% of 440?

- A. 44
- ~~B. 88~~
- C. 880
- D. 1,760

$0.2(440) = 88 //$

Question ID 73c68513

Assessment	Test	Domain	Skill	Difficulty
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ID: 73c68513

What is 23% of 100?

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

$0.23(100) = 23 //$

Question ID 83836cb2

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Problem-Solving and Data Analysis	Percentages	Easy

ID: 83836cb2

What is 10% of 470?

- A. 37
- ~~B. 47~~
- C. 423
- D. 460

$0.1(470) = 47 //$

Question ID b79fd2ce

Assessment	Test	Domain	Skill	Difficulty
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ID: b79fd2ce

There are 350 objects in a box. Of these objects, 4% are balls. How many balls are in the box?

- A. 4
- ~~B. 14~~
- C. 70
- D. 346

$0.04(350) = 14 //$

Question ID af24ba65

Assessment	Test	Domain	Skill	Difficulty
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ID: af24ba65

Of 300,000 paper clips, 234,000 are size large. What percentage of the paper clips are size large?

- A. 22%
- B. 33%
- C. 66%
- ~~D. 78%~~

$$\frac{234,000}{300,000} = 78\%$$

Question ID 045ed5be

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Problem-Solving and Data Analysis	Percentages	Easy

ID: 045ed5be

Isabel grows potatoes in her garden. This year, she harvested 760 potatoes and saved 10% of them to plant next year. How many of the harvested potatoes did Isabel save to plant next year?

- A. 66
- ~~B. 76~~
- C. 84
- D. 86

$760(0.1) = 76 //$

Question ID 720f7be4

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Problem-Solving and Data Analysis	Percentages	Easy

ID: 720f7be4



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 70694eae

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Problem-Solving and Data Analysis	Percentages	Easy

ID: 70694eae

There are a total of 840 seats in a school auditorium. During an assembly, students occupied 50% of the seats in the auditorium. How many seats did the students occupy during this assembly?

- A. 25
- B. 50
- ~~C. 420~~
- D. 790

$$840(0.5) = 420 //$$

Question ID f76f5665

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Problem-Solving and Data Analysis	Percentages	Easy

ID: f76f5665

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Out of **300** seeds that were planted, 80% sprouted. How many of these seeds sprouted?

$$300 (0.8) = 240 //$$

Question ID 4d8e6223

Assessment	Test	Domain	Skill	Difficulty
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ID: 4d8e6223



21 is 21% of what number?

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