

Work with percents above 100 and below 1

NAME	DATE	SCORE / 10
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1 What is 250% of 98?

2 The price of a bike this year is 120% of the price last year. Which statement is true?

- ☐ This cannot happen: a percent is never more than 100
☐ The bike costs less than it did last year ☐ The bike costs more than it did last year
☐ The bike costs 120 times as much as it did last year

3 What is 0.4% of 2,750?

4 A plant's height this month is 125% of the plant's height last month. Which statement is true?

- ☐ This cannot happen: a percent is never more than 100
☐ The plant is taller than it was last month
☐ The plant is 125 times as tall as it was last month
☐ The plant is shorter than it was last month

5 A puppy weighed 15 kilograms. A year later, the puppy weighs 120% of that weight. How many kilograms does the puppy weigh now?

6 Only 0.25% of the cups in a store are broken. Which statement is true?

- ☐ About $\frac{1}{4}$ of the cups are broken ☐ Fewer than 1 in every 100 cups are broken
- ☐ About 2.5 in every 100 cups are broken
- ☐ This cannot happen: a percent is never less than 1

7 A school buys 5,500 pencils. Only 0.2% of the pencils are broken. How many pencils are broken?

8 Only 0.1% of the pencils in a school are broken. Which statement is true?

- ☐ Fewer than 1 in every 100 pencils are broken ☐ About $\frac{1}{10}$ of the pencils are broken
- ☐ About 1 in every 100 pencils are broken
- ☐ This cannot happen: a percent is never less than 1

9 A town has 6,800 people. Only 0.25% of the people in the town take a bus to work. How many people in the town take a bus to work?

10 Only 0.25% of the eggs on a farm are broken. Which statement is true?

- ☐ About 2.5 in every 100 eggs are broken ☐ Fewer than 1 in every 100 eggs are broken
- ☐ This cannot happen: a percent is never less than 1 ☐ About $\frac{1}{4}$ of the eggs are broken

Work with percents above 100 and below 1

1 245

3 11

5 18

7 11

9 17

2 The bike costs more than it did last year

4 The plant is taller than it was last month

6 Fewer than 1 in every 100 cups are broken

8 Fewer than 1 in every 100 pencils are broken

10 Fewer than 1 in every 100 eggs are broken