

## PERCENTS REVIEW

On each card, find the statement that is incorrect. Then, correct and rewrite the statement in the space provided. Show any necessary work.

**A** Statement # \_\_\_\_\_ is incorrect.

Correct the statement:

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Work:

**B** Statement # \_\_\_\_\_ is incorrect.

Correct the statement:

---

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Work:

**C** Statement # \_\_\_\_\_ is incorrect.

Correct the statement:

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Work:

**D** Statement # \_\_\_\_\_ is incorrect.

Correct the statement:

---

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Work:

**E** Statement # \_\_\_\_\_ is incorrect.

Correct the statement:

---

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Work:

**F** Statement # \_\_\_\_\_ is incorrect.

Correct the statement:

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Work:

**G** Statement # \_\_\_\_\_ is incorrect.

Correct the statement:

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Work:

**H** Statement # \_\_\_\_\_ is incorrect.

Correct the statement:

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Work:

**I** Statement # \_\_\_\_\_ is incorrect.

Correct the statement:

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Work:

**J** Statement # \_\_\_\_\_ is incorrect.

Correct the statement:

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Work:

# A

A baker uses 2 pounds of butter to make 7 dozen cookies. How many pounds of butter would be used to make 132 cookies?

Find and fix the incorrect equation.

#1:  $\frac{2}{84} = \frac{x}{132}$

#2:  $\frac{84}{2} = \frac{132}{x}$

#3:  $\frac{2}{7} = \frac{x}{132}$

#4:  $\frac{7}{2} = \frac{11}{x}$

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# B

YEAR	PRICE
2011	\$3.50
2012	\$3.75
2014	\$2.25

Find and fix the incorrect statement.

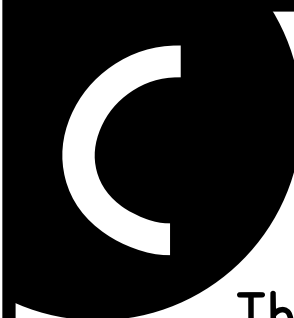
#1: The percent change from 2011 to 2012 is 7.1%.

#2: The percent change from 2012 to 2014 is -4%.

#3: The percent decrease from 2011 to 2014 is less than the percent decrease from 2012 to 2014.

#4: The percent change from 2011 to 2014 is -35.7%.

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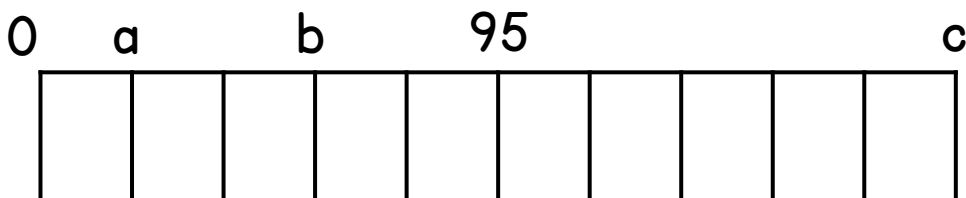
	SOCCER	TRACK	GOLF
# OF STUDENTS	112	74	59

There are 450 7<sup>th</sup> graders at Lakeside Middle School. The chart above shows the number that participate in a certain sport.

Find and fix the incorrect statement.

- #1: About 55% of 7<sup>th</sup> graders do not play a sport.
- #2: Of the students who play a sport, 24% play golf.
- #3: Of the students who play a sport, 46% play soccer.
- #4: About 16% of all 7<sup>th</sup> graders run track.

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Find and fix the incorrect statement about this percent bar.

- #1: Point c represents 100% of the number.
- #2: A good numerical estimate for point a is 19.
- #3: Point b represents 30% of point c.
- #4: A good numerical estimate for point b is 48.

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Mai orders lunch for her and her coworkers, for a total of \$25.80. She leaves a 15% tip.

Find and fix the incorrect equation.

#1: Mai can use the equation  $\frac{15}{100} = \frac{x}{25.80}$  to determine the amount she left as a tip.

#2: Mai left a \$3.87 tip.

#3: Mai's total including tip was \$21.93.

#4: Mai can use the equation  $\frac{115}{100} = \frac{x}{25.80}$  to determine the total amount she paid.

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A book fair estimated 250 customers, but 233 actually attended. What is the percent error?

Find and fix the incorrect statement.

#1: The percent error is .073%

#2: The absolute error is 17 customers.

#3: The percent error is 7.3%

#4: The bookfair overestimated the number of customers.

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g

After Christmas, artificial Christmas trees are 60% off. Employees get an additional 10% off the sale price.

	TREE A	TREE B
ORIGINAL PRICE	\$115	\$205

Find and fix the incorrect statement.

- #1: After Christmas, Tree A will cost \$46 for non-employees.
- #2: After Christmas, Tree A will cost \$34.50 for employees.
- #3: After Christmas, Tree B will cost \$82 for non-employees.
- #4: After Christmas, Tree B will cost \$73.80 for employees.

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H

A barber can perform 16 haircuts in 5 hours. He charges \$10 for each haircut.

Find and fix the incorrect statement.

- #1: The barber can perform about 11 haircuts in 4 hours.
- #2: The barber makes \$256 in an 8-hour workday.
- #3: The barber can perform approximately 3 haircuts an hour.
- #4: A haircut takes approximately 20 minutes.

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**I** Naveed borrows \$2,500 to purchase exercise equipment. He will pay a 5% simple interest rate over 36 months.

Find and fix the incorrect statement.

- #1: Naveed can find the amount of interest by using the equation  $I = 2,500(0.05)(3)$ .
- #2: Naveed will pay \$375 in interest.
- #3: Naveed can find the amount of interest by using the equation  $I = 2,500(5)(36)$ .
- #4: Naveed will pay a total of \$2,875 for the equipment.

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**j** Lucy and Stan are having a jump rope competition. For the first round, Lucy jumps for 196 seconds and Stan jumps for 250 seconds. In their second round, Lucy jumps 10 seconds less and Stan loses 4.8% of his original time.

Find and fix the incorrect statement.

- #1: Lucy had a -5.1% change in time.
- #2: Lucy lost a greater percentage of her time than Stan.
- #3: Stan lost a greater percentage of his time than Lucy.
- #4: Stan jumped for 238 seconds during his second round.

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## PERCENTS REVIEW

On each card, find the statement that is incorrect. Then, correct and rewrite the statement in the space provided. Show any necessary work.

**A** Statement # 3 is incorrect.

Correct the statement:

The correct equation is:  $\frac{2}{7} = \frac{x}{11}$ .

Work:

**B** Statement # 2 is incorrect.

Correct the statement:

The percent change from 2012 to 2014  
is -40%.

Work:

**C** Statement # 1 is incorrect.

Correct the statement:

45.6% of students do not play sports.

Work:

**D** Statement # 4 is incorrect.

Correct the statement:

57 is a good estimate for point b.

Work:



**E** Statement # 3 is incorrect.

Correct the statement:

Mai paid \$29.67 including tip.

Work:

**F** Statement # 1 is incorrect.

Correct the statement:

The percent error is 7.3%

Work:

**G** Statement # 2 is incorrect.

Correct the statement:

Tree A would cost \$41.40 for employees.

Work:

**H** Statement # 1 is incorrect.

Correct the statement:

The barber can perform approximately  
13 haircuts in 4 hours.

Work:

**I** Statement # 3 is incorrect.

Correct the statement:

Naveed can find the amount of interest by  
using the equation  $I = 2500(0.05)(3)$ .

Work:

**J** Statement # 3 is incorrect.

Correct the statement:

Lucy lost a greater percentage of her  
time than Stan.

Work: