

Team Name: \_\_\_\_\_

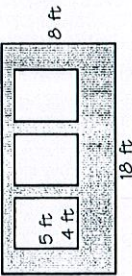
Partner A: \_\_\_\_\_

# WHY . . .

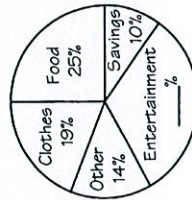
1	2	3	4	5	6	7	8	9	?
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Solve each problem and find your solution in the answer column (some answers are rounded). Write the word next to the answer in the box containing the problem number.

- Each month Kevin Klog earns \$1250 plus 0.8% of his sales. Last month his sales totaled \$64,500. How much did Kevin earn?
 

75.6% • TO
\$76.18 • DOCTOR
36.9% • WANT
28.6 in. • CHANGE
\$1766 • DOESNT
\$262 • JOB
892 • EVER
25.7 m • STAR
\$250 • MIND
10.2% • THE
27.8 in. • WORK
41.7% • SNOZZ
874 • GO
74.3% • HIS
27.1 m • FAMOUS
\$75.72 • ACTOR
- In a bag containing 157 M&M candies, there are 56 brown, 42 orange, 23 yellow, and 20 red candies. The rest of the M&M's in the bag are green. What percent are green?
- The height of a model rocket is 4.5% of the height of the actual rocket. The model is 1.22 m high. How high is the actual rocket?
- Karina bought a camera with a regular price of \$89. It was on sale at a 20% discount. There was a 7% tax on the sale price. How much did Karina spend to buy the camera?
- An 8 by 18 ft wall has three 4 by 5 ft windows. The area of the three windows is what percent of the area of the entire wall (including the windows)?
 
- Quadrangle College has space for 580 students in the first-year class. The college estimates that 65% of the students who are admitted will actually attend the college. How many students should be admitted?
- Tamika had a 4 by 7 in. photograph enlarged. Both length and width were increased to 130% of the original size. Find the perimeter of the enlarged photograph.
- A test consisted of 15 multiple-choice questions, 10 true-false questions, and 10 fill-in-the-blank questions. Maria got 9 questions wrong. What percent of her answers were correct?
- The circle graph shows how Tommy Blox spent the money he earned last summer. If he spent \$80 on entertainment, how much did Tommy earn altogether?
 

75.6% • TO
\$76.18 • DOCTOR
36.9% • WANT
28.6 in. • CHANGE
\$1766 • DOESNT
\$262 • JOB
892 • EVER
25.7 m • STAR
\$250 • MIND
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874 • GO
74.3% • HIS
27.1 m • FAMOUS
\$75.72 • ACTOR



Ratio, Proportion, and Percent: Problem Solving with Percent (A)

Team Name: \_\_\_\_\_

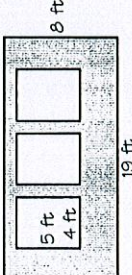
Partner B: \_\_\_\_\_

# BECAUSE . . .

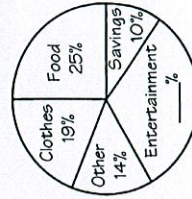
1	2	3	4	5	6	7	8	9
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Solve each problem and find your solution in the answer column (some answers are rounded). Write the word next to the answer in the box containing the problem number.

- Each month Kevin Klog earns \$1450 plus 0.8% of his sales. Last month his sales totaled \$66,500. How much did Kevin earn?
 

29.3 m • HAPPY
1145 • GORILLA
77.1% • HE
\$240 • LOST
10.5% • IS
33.8 in. • OVER
39.5% • THE
28.6 m • GOING
\$85.23 • WHEN
\$1982 • HE
31.2 in. • THAT
76.3% • IS
\$225 • HAS
\$84.74 • WITH
38.9% • MOST
1138 • MIND
- In a bag containing 143 M&M candies, there are 52 brown, 39 orange, 20 yellow, and 17 red candies. The rest of the M&M's in the bag are green. What percent are green?
- The height of a model rocket is 4.5% of the height of the actual rocket. The model is 1.32 m high. How high is the actual rocket?
- Karina bought a camera with a regular price of \$99. It was on sale at a 20% discount. There was a 7% tax on the sale price. How much did Karina spend to buy the camera?
- An 8 by 19 ft wall has three 4 by 5 ft windows. The area of the three windows is what percent of the area of the entire wall (including the windows)?
 
- Quadrangle College has space for 740 students in the first-year class. The college estimates that 65% of the students who are admitted will actually attend the college. How many students should be admitted?
- Tamika had a 5 by 7 in. photograph enlarged. Both length and width were increased to 130% of the original size. Find the perimeter of the enlarged photograph.
- A test consisted of 15 multiple-choice questions, 10 true-false questions, and 10 fill-in-the-blank questions. Maria got 8 questions wrong. What percent of her answers were correct?
- The circle graph shows how Tommy Blox spent the money he earned last summer. If he spent \$72 on entertainment, how much did Tommy earn altogether?
 

29.3 m • HAPPY
1145 • GORILLA
77.1% • HE
\$240 • LOST
10.5% • IS
33.8 in. • OVER
39.5% • THE
28.6 m • GOING
\$85.23 • WHEN
\$1982 • HE
31.2 in. • THAT
76.3% • IS
\$225 • HAS
\$84.74 • WITH
38.9% • MOST
1138 • MIND



Ratio, Proportion, and Percent: Problem Solving with Percent (B)