

**Sales Interest Tip Tax (SITT) - 55 Qs total****Multiple Choice**

Identify the choice that best completes the statement or answers the question.

- 1 (1 point)  
Grace and Jamal each bought notebooks for school. Grace bought 3 notebooks for \$3.60 while Jamal bought 4 notebooks for \$5.20. What was the unit price of each student's notebooks?  
A Grace: \$1.30; Jamal: \$1.20  
B Grace: \$1.20; Jamal: \$1.30  
C Grace: \$3.00; Jamal: \$4.00  
D Grace: \$3.60; Jamal: \$5.20

- 2 (1 point)  
Convert 8 qt/min to gallons per hour.  
A 120 gal/h  
B 32 gal/h  
C 480 gal/h  
D 12 gal/h

**Solve the proportion.**

- 5 (1 point)  
 $\frac{2}{25} = \frac{x}{200}$   
A 16  
B 8  
C 50  
D 2500

- 6 (1 point)  
 $\frac{10}{a} = \frac{15}{30}$   
A 2  
B 5  
C 10  
D 20

- 3 (1 point)  
Convert 50 mi/h to feet per minute.  
A 4,400 ft/min  
B 3,000 ft/min  
C 1,200 ft/min  
D 6,636 ft/min

- 4 (1 point)  
Grete Waitz won the New York Marathon nine times. The rate at which she ran during her last victory in 1988 was 26 miles in 148 minutes. To the nearest hundredth, what was the unit rate for her last race?  
A 5.69 mi/min  
B 0.18 mi/min  
C 0.26 mi/min  
D 0.73 mi/min

- 7 (1 point)  
 $\frac{b}{10.5} = \frac{157.5}{52.5}$   
A 787.5  
B 320.5  
C 31.5  
D 3.5

- 8 (1 point)  
One hundred nautical miles equals about 185 kilometers. To the nearest kilometer, how far in kilometers is 175 nautical miles?  
A 32,375 km  
B 324 km  
C 185 km  
D 95 km

- 9 (1 point)  
Write a proportion that can be used to find the cost of 10 notebooks if 3 notebooks cost \$1.98.

A  $\frac{3}{10} = \frac{n}{\$1.98}$

B  $\frac{10}{\$1.98} = \frac{n}{3}$

C  $\frac{10}{3} = \frac{\$1.98}{n}$

D  $\frac{3}{\$1.98} = \frac{10}{n}$

- 10 (1 point)  
At the school store, 6 pencils sell for \$.99. At this rate, what is the cost of 16 pencils?

A \$2.64

B \$3.79

C \$2.98

D \$1.65

- 11 (1 point)  
Carpet Masters charges \$9.50 per square yard to clean a carpet. If you have two rooms with an area of six square yards each, how much will it cost to have the carpets cleaned?

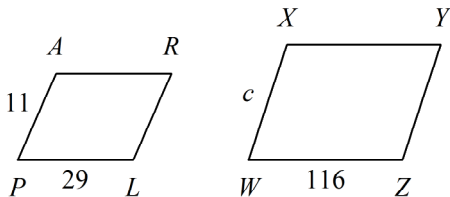
A \$3.17

B \$114

C \$228

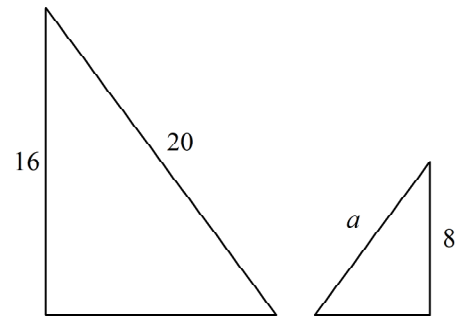
D \$342

- 12 (1 point)  
Parallelogram  $PARL \sim$  parallelogram  $WXYZ$ . Find the value of  $c$ .



- A 40  
B 116  
C 4  
D 44

- 13 (1 point)  
The triangles are similar. Find the value of  $a$ .



- A 12  
B 6  
C 10  
D 16

- 14 (1 point)  
A building 56 ft high casts a 154-ft shadow. Sarah casts a 11-ft shadow. The triangle formed by the building and its shadow is similar to the triangle formed by Sarah and her shadow. How tall is Sarah?

- A 4 ft  
B 5 ft  
C 3 ft  
D not here

- 15 (1 point)  
Gretchen is using an overhead projector to enlarge a drawing so she can make a poster. The original drawing measures 60 mm wide by 80 mm high. She moves the projector so that the width of the projected image is 300 mm. If the original drawing and the projected image are similar figures, what will be the height of the projected image?

- A 440 mm  
B 225 mm  
C 180 mm  
D 400 mm

- 16 (1 point)  
The scale on a map is 1 cm : 8 km. If two cities are 17 cm apart on the map, what is the actual distance between the cities?  
A 17 km  
B 1088 km  
C 136 km  
D 2.13 km
- 17 (1 point)  
A map shows the distance between the corner of Cactus Road and 1st Street and the corner of 1st Street and Merle Road as 3 inches. If the scale is 1 in. : 3.7 mi, what is the actual distance?  
A 1.3 mi  
B 11.1 mi  
C 111 mi  
D 22.2 mi
- 18 (1 point)  
Find 73% of 120. Round to the nearest tenth if necessary.  
A 87.6  
B 8,760.0  
C 1.2  
D 164.4
- 19 (1 point)  
What percent of 79 is 44? If necessary, round to the nearest tenth of a percent.  
A 35.8%  
B 0.6%  
C 179.5%  
D 55.7%
- 20 (1 point)  
Emma has already read 8 of 30 books on her summer reading list. What percent of the books on her list has she read already?  
A 26.7%  
B 375.0%  
C 0.3%  
D 21.1%

- 21 (1 point)  
Two U.S. states are not part of the continental United States. What percent of the fifty U.S. states are included in the continental United States?  
A 2%  
B 13%  
C 48%  
D 96%
- 22 (1 point)  
20 is 40% of what number? If necessary, round to the nearest tenth.  
A 0.5  
B 800.0  
C 50.0  
D 8.0
- 23 (1 point)  
The Mogul Runners ski club planned a trip to Park City. Of the total number of club members, 7 signed up to go. If this is 25% of the club, how many members does the ski club have?  
A 175 members  
B 14 members  
C 2 members  
D 28 members
- 24 (1 point)  
Martha paid \$42.40 for her sister's birthday present. This included 6% sales tax. What was the cost of the gift before tax?  
A \$40.00  
B \$44.94  
C \$25.44  
D \$2.40

Write the percent as a fraction or mixed number in simplest form.

25 (1 point)

75%

A  $\frac{1}{4}$

B  $\frac{3}{4}$

C  $2\frac{1}{2}$

D  $7\frac{1}{2}$

26 (1 point)

197%

A  $1\frac{97}{100}$

B  $19\frac{7}{10}$

C  $\frac{3}{10}$

D  $\frac{3}{100}$

27 (1 point)

Write 127.4% as a decimal.

A 1.274

B 12,740

C 12.74

D 1,274

28 (1 point)

At the Mega Theater, 50% of the movies this weekend are comedies. As a fraction in simplest form, what fraction of the movies are comedies?

A  $\frac{1}{2}$

B  $\frac{1}{2}$

C 2

D not here

Write the decimal as a percent.

29 (1 point)

0.311

A 31.1%

B 3.11%

C 311%

D 0.0311%

30 (1 point)

1.235

A 123.5%

B 0.1235%

C 1,235%

D 12.35%

Write the fraction as a percent. Round to the nearest tenth of a percent if necessary.

31 (1 point)

$\frac{3}{8}$

A 37.5%

B 266.7%

C 0.375%

D 3.75%

32 (1 point)

$\frac{1}{7}$

A 14.3%

B 7%

C 1%

D 1.43%

Write an equation and solve. Round to the nearest hundredth where necessary.

- 33 (1 point)  
What is 40% of 81?  
A  $n = 40 \cdot 0.81$ ; 32.4  
B  $n \cdot 0.4 = 81$ ; 202.5  
C  $n = 0.4 \cdot 81$ ; 32.4  
D  $n = 40 \cdot 81$ ; 3,240
- 34 (1 point)  
6 is what percent of 25?  
A  $25 = 6 \cdot n$ ; 20.4%  
B  $6 = n \cdot 25$ ; 26.4%  
C  $25 = 6 \cdot n$ ; 4.2%  
D  $6 = n \cdot 25$ ; 24%
- 35 (1 point)  
64 is 80% of what?  
A  $64 \cdot n = 80$ ; 0.8  
B  $0.64 \cdot n = 80$ ; 125  
C  $64 = 0.80 \cdot n$ ; 80  
D  $80 = 64 \cdot n$ ; 1.3
- 36 (1 point)  
What percent of 24 is 30?  
A  $n \cdot 24 = 30$ ; 125%  
B  $n \cdot 30 = 24$ ; 80%  
C  $n = 30 \cdot 24$ ; 720%  
D  $n = 30 \cdot 0.24$ ; 720%
- 37 (1 point)  
54 is 24% of what number?  
A  $0.24 = 54 \cdot x$ ; 153  
B  $x = 54 \cdot 0.24$ ; 13  
C  $54 = 0.24 \cdot x$ ; 225  
D  $54 = 0.24 \cdot x$ ; 234
- 38 (1 point)  
Tamika makes a 5.5% commission selling electronics. How much commission does she make if she sells a flat-screen TV for \$5,000?  
A \$27,500  
B \$909.09  
C \$4,725  
D \$275
- 39 (1 point)  
In a survey, 500 people, or 80%, said they attended a movie at least once a month. How many people were surveyed?  
A 580 people  
B 420 people  
C 400 people  
D 625 people
- 40 (1 point)  
Find the percent of increase from 380 to 580. Round to the nearest tenth of a percent if necessary.  
A 65.5%  
B 34.5%  
C 0.5%  
D 52.6%
- 41 (1 point)  
The sales of a particular brand of children's athletic shoes rose from \$6,900,000 to \$7,400,000. Find the percent of increase in sales. Round to the nearest tenth of a percent if necessary.  
A 6.8%  
B 7.2%  
C 93.2%  
D 0.1%

- 42 (1 point)  
Find the percent of decrease from 350 to 160. Round to the nearest tenth of a percent if necessary.  
A 54.3%  
B 218.8%  
C 1.2%  
D 118.8%
- 43 (1 point)  
The circulation of a newsletter decreased from 3,200 to 2,464. What was the percent of decrease in circulation?  
A 129%  
B 77%  
C 2.3%  
D 23%
- 44 (1 point)  
Wren bought a baseball card last year for \$2.25. This year the price dropped to \$.45. What was the percent of decrease in the price of the card?  
A 80%  
B 500%  
C 120%  
D 400%
- 45 (1 point)  
A toy store's percent of markup is 45%. A model train costs the store \$80. Find the markup.  
A \$44  
B \$116  
C \$177.78  
D \$36
- 46 (1 point)  
A sporting goods store pays \$140 for a rubber raft. The percent of markup is 35%. Find the raft's selling price.  
A \$49  
B \$91  
C \$189  
D \$400
- 47 (1 point)  
All swimming equipment is on sale with a 15% discount. A snorkeling set regularly sells for \$60. Find the discount.  
A \$51  
B \$52.17  
C \$69  
D \$9
- 48 (1 point)  
Video games are on sale for 35% off. If a particular game regularly sells for \$99.50, what is the sale price?  
A \$34.83  
B \$96.02  
C \$64.68  
D \$134.33
- 49 (1 point)  
At the beginning of 1995, the town of Canyon Ridge had 1,100 residents. The rate of population growth after that was 5% per year. Estimate the population at the beginning of 2005.  
A about 55 residents  
B about 2,255 residents  
C about 1,155 residents  
D about 1,792 residents
- 50 (1 point)  
Soren placed \$750 in a certificate of deposit (CD) with an interest rate of 3.5%. At the end of each year, the CD earns interest on the total amount including interest earned in previous years. How much money will there be after 5 interest payments?  
A \$131.25  
B \$881.25  
C \$1,312.50  
D \$890.76

- 51 (1 point)  
Cell phones are becoming very popular at Poplar Middle School. In 2000, there were 15 students with cell phones. Each year the number of students with cell phones has increased by 20%. At this rate, how many students will have cell phones in 2007?  
A 44 students  
B 54 students  
C 35 students  
D 38 students
- 52 (1 point)  
At Ron's Roller Rink, the number of customers has been decreasing at a steady rate of 5% per year. If there were 900 skaters per week in 2000, what is a good estimate for the number of skaters per week in 2006?  
A 778 skaters  
B 662 skaters  
C 695 skaters  
D 732 skaters
- 53 (1 point)  
A construction company has a project that will take 500 person-days to complete. How many days will it take to complete the project if the company has 25 workers?  
A 20  
B 25  
C 30  
D 5
- 54 (1 point)  
One worker can pack 115 boxes in 8 hours. A second worker can pack 30% more boxes in 11 hours. Which worker packs more boxes per hour?  
A worker 1  
B worker 2
- 55 (1 point)  
Estimate a 15% tip on a \$48.40 bill.  
A \$7.30  
B \$14.60  
C \$3.60  
D \$55.70

## Sales Interest Tip Tax (SITT) - 55 Qs total

### Answer Section

#### MULTIPLE CHOICE

- 1 ANS: B PTS: 1 DIF: L2 REF: 6-1 Ratios and Unit Rates  
 OBJ: 6-1.1 Finding Rates and Unit Rates  
 STA: CA 7.MG.1.1 | CA 7.MG.1.3 | CA 7.AF.4.2 TOP: 6-1 Example 1  
 KEY: rate | unit rate | problem solving | ratio | word problem
- 2 ANS: A PTS: 1 DIF: L2 REF: 6-1 Ratios and Unit Rates  
 OBJ: 6-1.1 Finding Rates and Unit Rates  
 STA: CA 7.MG.1.1 | CA 7.MG.1.3 | CA 7.AF.4.2 TOP: 6-1 Example 2  
 KEY: rate | ratio | unit rate
- 3 ANS: A PTS: 1 DIF: L2 REF: 6-1 Ratios and Unit Rates  
 OBJ: 6-1.1 Finding Rates and Unit Rates  
 STA: CA 7.MG.1.1 | CA 7.MG.1.3 | CA 7.AF.4.2 TOP: 6-1 Example 2  
 KEY: rate | ratio | unit rate
- 4 ANS: B PTS: 1 DIF: L3 REF: 6-1 Ratios and Unit Rates  
 OBJ: 6-1.1 Finding Rates and Unit Rates  
 STA: CA 7.MG.1.1 | CA 7.MG.1.3 | CA 7.AF.4.2 TOP: 6-1 Example 1  
 KEY: problem solving | rate | ratio | unit rate | word problem
- 5 ANS: A PTS: 1 DIF: L2 REF: 6-2 Proportions  
 OBJ: 6-2.1 Solving Proportions TOP: 6-2 Example 1  
 KEY: proportion | solving a proportion | cross products
- 6 ANS: D PTS: 1 DIF: L2 REF: 6-2 Proportions  
 OBJ: 6-2.1 Solving Proportions TOP: 6-2 Example 1  
 KEY: proportion | solving a proportion | cross products
- 7 ANS: C PTS: 1 DIF: L3 REF: 6-2 Proportions  
 OBJ: 6-2.1 Solving Proportions TOP: 6-2 Example 1  
 KEY: proportion | solving a proportion | cross products
- 8 ANS: B PTS: 1 DIF: L2 REF: 6-2 Proportions  
 OBJ: 6-2.2 Using Proportions to Solve Problems TOP: 6-2 Example 3  
 KEY: cross products | problem solving | proportion | solving a proportion | word problem
- 9 ANS: D PTS: 1 DIF: L2 REF: 6-2 Proportions  
 OBJ: 6-2.2 Using Proportions to Solve Problems TOP: 6-2 Example 3  
 KEY: problem solving | proportion | ratio | word problem
- 10 ANS: A PTS: 1 DIF: L3 REF: 6-2 Proportions  
 OBJ: 6-2.2 Using Proportions to Solve Problems TOP: 6-2 Example 3  
 KEY: cross products | problem solving | proportion | ratio | solving a proportion | word problem
- 11 ANS: B PTS: 1 DIF: L3 REF: 6-2 Proportions  
 OBJ: 6-2.2 Using Proportions to Solve Problems TOP: 6-2 Example 3  
 KEY: cross products | problem solving | proportion | rate | solving a proportion | word problem

- 12 ANS: D PTS: 1 DIF: L2  
 REF: 6-3 Similar Figures and Scale Drawings OBJ: 6-3.1 Using Similar Figures  
 STA: CA 7.MG.1.2 TOP: 6-3 Example 1  
 KEY: similar figures | corresponding angles | corresponding sides | solving a proportion | proportion
- 13 ANS: C PTS: 1 DIF: L2  
 REF: 6-3 Similar Figures and Scale Drawings OBJ: 6-3.1 Using Similar Figures  
 STA: CA 7.MG.1.2 TOP: 6-3 Example 1  
 KEY: corresponding angles | corresponding sides | proportion | similar figures | solving a proportion
- 14 ANS: A PTS: 1 DIF: L2  
 REF: 6-3 Similar Figures and Scale Drawings OBJ: 6-3.1 Using Similar Figures  
 STA: CA 7.MG.1.2 TOP: 6-3 Example 2  
 KEY: problem solving | proportion | similar figures | solving a proportion | corresponding angles | corresponding sides | indirect measurement | word problem
- 15 ANS: D PTS: 1 DIF: L3  
 REF: 6-3 Similar Figures and Scale Drawings OBJ: 6-3.1 Using Similar Figures  
 STA: CA 7.MG.1.2 TOP: 6-3 Example 2  
 KEY: problem solving | proportion | solving a proportion | indirect measurement | similar figures | word problem
- 16 ANS: C PTS: 1 DIF: L2  
 REF: 6-3 Similar Figures and Scale Drawings OBJ: 6-3.2 Using Scale Drawings  
 STA: CA 7.MG.1.2 TOP: 6-3 Example 3  
 KEY: scale drawing | scale | problem solving | proportion | solving a proportion | word problem
- 17 ANS: B PTS: 1 DIF: L2  
 REF: 6-3 Similar Figures and Scale Drawings OBJ: 6-3.2 Using Scale Drawings  
 STA: CA 7.MG.1.2 TOP: 6-3 Example 3  
 KEY: scale | problem solving | proportion | scale drawing | solving a proportion | word problem
- 18 ANS: A PTS: 1 DIF: L2 REF: 6-5 Proportions and Percents  
 OBJ: 6-5.1 Finding Part of a Whole STA: CA 7.NS.1.3 TOP: 6-5 Example 1  
 KEY: percent | finding part of a whole | proportion | solving a proportion
- 19 ANS: D PTS: 1 DIF: L2 REF: 6-5 Proportions and Percents  
 OBJ: 6-5.1 Finding Part of a Whole STA: CA 7.NS.1.3 TOP: 6-5 Example 2  
 KEY: percent | proportion | solving a proportion
- 20 ANS: A PTS: 1 DIF: L2 REF: 6-5 Proportions and Percents  
 OBJ: 6-5.1 Finding Part of a Whole STA: CA 7.NS.1.3 TOP: 6-5 Example 2  
 KEY: percent | proportion | solving a proportion | problem solving | word problem
- 21 ANS: D PTS: 1 DIF: L3 REF: 6-5 Proportions and Percents  
 OBJ: 6-5.1 Finding Part of a Whole STA: CA 7.NS.1.3 TOP: 6-5 Example 2  
 KEY: percent | problem solving | proportion | solving a proportion | word problem
- 22 ANS: C PTS: 1 DIF: L2 REF: 6-5 Proportions and Percents  
 OBJ: 6-5.2 Finding a Whole Amount STA: CA 7.NS.1.3 TOP: 6-5 Example 3  
 KEY: finding the whole | percent | proportion | solving a proportion
- 23 ANS: D PTS: 1 DIF: L2 REF: 6-5 Proportions and Percents  
 OBJ: 6-5.2 Finding a Whole Amount STA: CA 7.NS.1.3 TOP: 6-5 Example 3  
 KEY: finding the whole | percent | proportion | solving a proportion | problem solving | word problem

- 24 ANS: A PTS: 1 DIF: L3 REF: 6-5 Proportions and Percents  
 OBJ: 6-5.2 Finding a Whole Amount STA: CA 7.NS.1.3  
 KEY: finding the whole | percent | problem solving | proportion | solving a proportion | word problem
- 25 ANS: B PTS: 1 DIF: L2 REF: 6-4 Fractions,Decimals,and Percents  
 OBJ: 6-4.1 Writing Percents as Fractions and Decimals STA: CA 7.NS.1.3  
 TOP: 6-4 Example 1 KEY: writing percents as fractions | fraction | percent
- 26 ANS: A PTS: 1 DIF: L2 REF: 6-4 Fractions,Decimals,and Percents  
 OBJ: 6-4.1 Writing Percents as Fractions and Decimals STA: CA 7.NS.1.3  
 TOP: 6-4 Example 1 KEY: writing percents as fractions | fraction | percent
- 27 ANS: A PTS: 1 DIF: L2 REF: 6-4 Fractions,Decimals,and Percents  
 OBJ: 6-4.1 Writing Percents as Fractions and Decimals STA: CA 7.NS.1.3  
 TOP: 6-4 Example 2 KEY: writing percents as decimals | decimals | percent
- 28 ANS: A PTS: 1 DIF: L3 REF: 6-4 Fractions,Decimals,and Percents  
 OBJ: 6-4.1 Writing Percents as Fractions and Decimals STA: CA 7.NS.1.3  
 TOP: 6-4 Example 1 KEY: fraction | percent | problem solving | word problem
- 29 ANS: A PTS: 1 DIF: L2 REF: 6-4 Fractions,Decimals,and Percents  
 OBJ: 6-4.2 Writing Decimals and Fractions as Percents STA: CA 7.NS.1.3  
 TOP: 6-4 Example 3 KEY: decimals | percent | writing decimals as percents
- 30 ANS: A PTS: 1 DIF: L2 REF: 6-4 Fractions,Decimals,and Percents  
 OBJ: 6-4.2 Writing Decimals and Fractions as Percents STA: CA 7.NS.1.3  
 TOP: 6-4 Example 3 KEY: decimals | percent | writing decimals as percents
- 31 ANS: A PTS: 1 DIF: L2 REF: 6-4 Fractions,Decimals,and Percents  
 OBJ: 6-4.2 Writing Decimals and Fractions as Percents STA: CA 7.NS.1.3  
 TOP: 6-4 Example 4 KEY: writing a fraction as a percent | percent
- 32 ANS: A PTS: 1 DIF: L2 REF: 6-4 Fractions,Decimals,and Percents  
 OBJ: 6-4.2 Writing Decimals and Fractions as Percents STA: CA 7.NS.1.3  
 TOP: 6-4 Example 4 KEY: writing a fraction as a percent | percent
- 33 ANS: C PTS: 1 DIF: L2 REF: 6-6 Percents and Equations  
 OBJ: 6-6.1 Writing and Solving Percent Equations STA: CA 7.NS.1.7  
 TOP: 6-6 Example 1 KEY: percent | writing percents as decimals | finding the part
- 34 ANS: D PTS: 1 DIF: L2 REF: 6-6 Percents and Equations  
 OBJ: 6-6.1 Writing and Solving Percent Equations STA: CA 7.NS.1.7  
 TOP: 6-6 Example 1 KEY: percent
- 35 ANS: C PTS: 1 DIF: L2 REF: 6-6 Percents and Equations  
 OBJ: 6-6.1 Writing and Solving Percent Equations STA: CA 7.NS.1.7  
 TOP: 6-6 Example 1 KEY: percent | finding the whole
- 36 ANS: A PTS: 1 DIF: L2 REF: 6-6 Percents and Equations  
 OBJ: 6-6.1 Writing and Solving Percent Equations STA: CA 7.NS.1.7  
 TOP: 6-6 Example 2  
 KEY: decimals | percent | writing decimals as percents | percents greater than 100%
- 37 ANS: C PTS: 1 DIF: L2 REF: 6-6 Percents and Equations  
 OBJ: 6-6.1 Writing and Solving Percent Equations STA: CA 7.NS.1.7  
 TOP: 6-6 Example 1 KEY: finding the whole | percent

- 38 ANS: D PTS: 1 DIF: L2 REF: 6-6 Percents and Equations  
 OBJ: 6-6.2 Using Equations to Solve Percent Problems STA: CA 7.NS.1.7  
 TOP: 6-6 Example 3  
 KEY: decimals | finding the part | percent | problem solving | writing percents as decimals | percent | word problem
- 39 ANS: D PTS: 1 DIF: L2 REF: 6-6 Percents and Equations  
 OBJ: 6-6.2 Using Equations to Solve Percent Problems STA: CA 7.NS.1.7  
 TOP: 6-6 Example 4  
 KEY: decimals | finding the whole | percent | problem solving | writing percents as decimals | percent | word problem
- 40 ANS: D PTS: 1 DIF: L2 REF: 6-7 Percent of Change  
 OBJ: 6-7.1 Finding Percent of Increase STA: CA 7.NS.1.6 TOP: 6-7 Example 1  
 KEY: decimals | percent | writing decimals as percents | percent of increase
- 41 ANS: B PTS: 1 DIF: L2 REF: 6-7 Percent of Change  
 OBJ: 6-7.1 Finding Percent of Increase STA: CA 7.NS.1.6 TOP: 6-7 Example 2  
 KEY: decimals | percent | writing decimals as percents | percent of increase | problem solving | word problem
- 42 ANS: A PTS: 1 DIF: L2 REF: 6-7 Percent of Change  
 OBJ: 6-7.2 Finding Percent of Decrease STA: CA 7.NS.1.6 TOP: 6-7 Example 3  
 KEY: percent of decrease | decimals | percent | writing decimals as percents
- 43 ANS: D PTS: 1 DIF: L2 REF: 6-7 Percent of Change  
 OBJ: 6-7.2 Finding Percent of Decrease STA: CA 7.NS.1.6 TOP: 6-7 Example 3  
 KEY: decimals | percent | percent of decrease | problem solving | writing decimals as percents | word problem
- 44 ANS: A PTS: 1 DIF: L3 REF: 6-7 Percent of Change  
 OBJ: 6-7.2 Finding Percent of Decrease STA: CA 7.NS.1.6 TOP: 6-7 Example 3  
 KEY: decimals | percent | percent of decrease | problem solving | writing decimals as percents | word problem
- 45 ANS: D PTS: 1 DIF: L2 REF: 6-8 Markup and Discount  
 OBJ: 6-8.1 Finding Markups STA: CA 7.NS.1.6 | CA 7.NS.1.7  
 TOP: 6-8 Example 1  
 KEY: markup | decimals | percent | problem solving | writing percents as decimals | word problem
- 46 ANS: C PTS: 1 DIF: L2 REF: 6-8 Markup and Discount  
 OBJ: 6-8.1 Finding Markups STA: CA 7.NS.1.6 | CA 7.NS.1.7  
 TOP: 6-8 Example 1  
 KEY: markup | decimals | percent | problem solving | writing percents as decimals | word problem
- 47 ANS: D PTS: 1 DIF: L2 REF: 6-8 Markup and Discount  
 OBJ: 6-8.2 Finding Discounts STA: CA 7.NS.1.6 | CA 7.NS.1.7  
 TOP: 6-8 Example 3  
 KEY: decimals | percent | problem solving | writing percents as decimals | discount | word problem
- 48 ANS: C PTS: 1 DIF: L3 REF: 6-8 Markup and Discount  
 OBJ: 6-8.2 Finding Discounts STA: CA 7.NS.1.6 | CA 7.NS.1.7  
 KEY: decimals | discount | percent | problem solving | writing percents as decimals | word problem
- 49 ANS: D PTS: 1 DIF: L2  
 REF: 6-10 Reasoning Strategy: Make a Table OBJ: 6-10.1 Make a Table  
 STA: CA 7.NS.1.2 | CA 7.MR.2.5 TOP: 6-10 Example 1  
 KEY: make a table | percent | problem solving | writing percents as decimals | word problem

- 50 ANS: D PTS: 1 DIF: L3  
 REF: 6-10 Reasoning Strategy: Make a Table OBJ: 6-10.1 Make a Table  
 STA: CA 7.NS.1.2 | CA 7.MR.2.5  
 KEY: make a table | percent | problem solving | writing percents as decimals | word problem
- 51 ANS: B PTS: 1 DIF: L3  
 REF: 6-10 Reasoning Strategy: Make a Table OBJ: 6-10.1 Make a Table  
 STA: CA 7.NS.1.2 | CA 7.MR.2.5 TOP: 6-10 Example 1  
 KEY: make a table | percent of increase | problem solving | writing percents as decimals | word problem
- 52 ANS: B PTS: 1 DIF: L3  
 REF: 6-10 Reasoning Strategy: Make a Table OBJ: 6-10.1 Make a Table  
 STA: CA 7.NS.1.2 | CA 7.MR.2.5 TOP: 6-10 Example 1  
 KEY: make a table | percent | percent of decrease | problem solving | writing percents as decimals | word problem
- 53 ANS: A PTS: 1 DIF: L2 REF: 6-1 Ratios and Unit Rates  
 OBJ: 6-1.2 Finding Rates Expressed and Products  
 STA: CA 7.MG.1.1 | CA 7.MG.1.3 | CA 7.AF.4.2 TOP: 6-1 Example 3
- 54 ANS: A PTS: 1 DIF: L2 REF: 6-9 Applications of Rational Numbers  
 OBJ: 6-9.1 Applying Rational Numbers STA: CA 7.NS.1.2 | CA 7.NS.1.3 | CA 7.AF.4.2  
 TOP: 6-9 Example 2
- 55 ANS: A PTS: 1 DIF: L2 REF: 6-9 Applications of Rational Numbers  
 OBJ: 6-9.2 Estimating Rational Numbers  
 STA: CA 7.NS.1.2 | CA 7.NS.1.3 | CA 7.AF.4.2 TOP: 6-9 Example 4