

Did You Hear About...

A	В	C	D	E	F
THE	WRITER	WHO	PROPPED	TEN	STORIES
Ğ	H	I	J	K	L
INTO	Α .	TRASH	CAN	AND	LIVED?

Use a calculator to do each exercise. Find your answer and notice the word next to it. Write this word in the box containing the letter of the exercise.



$$A) \frac{7.5}{12} = \frac{4.2}{7} 6.7$$

$$\frac{15}{8} = \frac{80}{x} + 2.7$$

©
$$\frac{6}{9.4} = \frac{r}{32}$$
 20.4 © $\frac{7.9}{x} = \frac{1}{25}$ 197.5

E = 3.14 3.8

$$\frac{x}{58} = \frac{37.5}{100} 21.8$$

II. Solve. Round each answer to the nearest whole number.

- (G) Tom's red bicycle travels 50 ft for every 3 pedal turns. How any pedal turns are needed to travel a mile (5.280ft)?
- (H) For a survey, a company decided to call 7 out of every 5.000 people How many people should be called in a town of 78.000 people?
- Gloria Trench checked her gas mileage and found that she had used 16.6 gal of gas to travel 372 mi. At this rate. how many gallons will she use to travel from San Franciscoto Washington, D.C., a distance of 2,850 mi?
- (J) A U.S. nickel contains 3.9 g of copper and 1.2 g of nickel. How many kilograms of copper must be combined with 500 1,625 kg of nickel to make nickel coins?
- (K) On the stock exchange. 100 shares of Pizzazz Corp. stock are setting for \$425. How many shares can be purchased for \$1,000?
- (i) At Paul Bunyon's logging camp, the cook scrambled 20 eggs for every 3 loggers. How many eggs did he need for the 288 loggers at the camp?

E-11 TOPIC 1-e Using a Calculator Solving Proportions

24.7 PIECES

21.8 STORIES

1.840 FAINTED

197.5 DROPPED

19.6 THAT

1,625 CAN

6.7 THE

116 BOX

20.4 WHO

127 TRASH

1.355 PILE

317 INTO

235 AND

3.8 TEN

109 A

42.7 WRITER

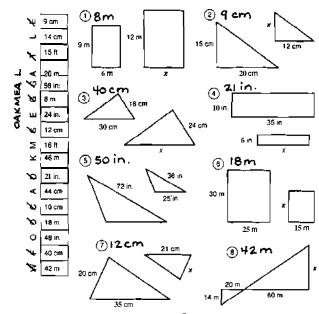
324 FROM

1,920 LIVED

211.5 WROTE

What Is a Termite's Favorite Breakfast?

For each pair of similar figures, find the lengthx. Cross out the letter next to your answer. When you finish, the answer to the title question will remain.



(9) A flagpole casts a shadow 10 ft long. If a man 6 ft tall casts a shadow 4 ft long at the same time of day, how tall is the flagpole? I 5 ft

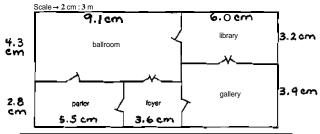
A photographis 25 cm wide and 20 cm high It must be reduced to fit a space that is 8 cm high Find the width of the reduced photograph.

TOPIC 1-1 Sampler Figures

E-12

NOTE: Students need metric rulers for this puzzle.

What Goes Ha! Ha! Ha! Thud?



This is a **scale** drawing of one floor in a European castle. Do each exercise and find your answer in the adjacent answer column. Write the letter of the answer in each box containing the number of the exercise.

- I. One dimension is given for each room. Measure to find the other dimension to the nearest tenth of a centimeter
- bailroom 4.3 cm by 9.1cm 3.2cm by 6.0 cm (2) library 3 parlor

(4) foyer

5 gallery

- (U) 3.6 cm (K) 6.3 cm
 - (♥) 3.4 cm
- 2.8cmby 5.5 2.8cmby 3.6cm 6.0cmby 3.9cm § 9.1 cm (Q) 5.5cm **(E)** 3.9 cm (B) 8.4cm
- II. Find the actual room dimensions. ("Length refers to the longer dimensionand "width" to the shorter dimension.)
- (8) length of the ballroom (3.45 m ballroom (4.45 m
- 8 length of the library width of the library 4.8
- length of the parlor 8.25 m width of the parlor 4.2 m (12) length of the foyer 5.4 m (13) width of the gallery 5.85 m
- P 8.65 m
- 13.65 m M 9 m A 5.4 m (L) 8.25 m
- (C) 13.25 m (D) 6.45 m (H) 5.85 m **G** 4.8m

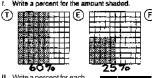
8 12 2 10 12 4 9 13 6 2 9 13 6 1 13 5 12 7 MANLAUGHUNGHISHEAD MAN CAUGHING HIS HEAD OFF

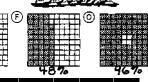
> E-13 TOPIC 1-g: Scale Drawings

What Do Centipedes Hate To Do?

Do each exercise and find your answer at the bottom of the page. Write the letter of the exercise in the box containing the answer.

Write a percent for the amount shaded.





2000000

<u>(ē) 1</u> 50%

Write a percent for each group of circles.

(A) the shaded circles 33 7

E the unshaded circles, %

- (\$) 1 to 100 1% N 83 to 100 83% (0) 54: 100 54% (1) 2: 10 20% H 247 ₩ 75%
- H 0.62 62 70 ⊙ 0.98 9B % ① 0.03 **3%**
 - © 0.86 86%
- ŏ ± 80% **(**₹ 0.4 40 %

*ĠŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎ*ŎŎ

- ® 0.1 107. ⊕̃ i.0 100% (A) 0.07 7 70
- ① There are 100 centtmeters in a meter what percent of a meter is 30 cm?
- There are 100 cents in a dollar? What percent of a dollar is \$0 15?
- Of the 100 million acres in California. the federal government owns 45 million acres. What percent is this?
- Gulliver tossed a coin 100 times and got 43 heads. What percent of the tosses were tails? Of 100 students surveyed, 90 chose
- math as their favorite subject. What percent chose math? **(R)** A sheet of 100 stamps has 22 stamps
- left. What percent of the stamps has already been used?



TOPIC 2-a Percent