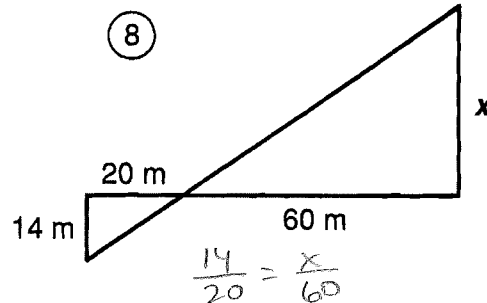
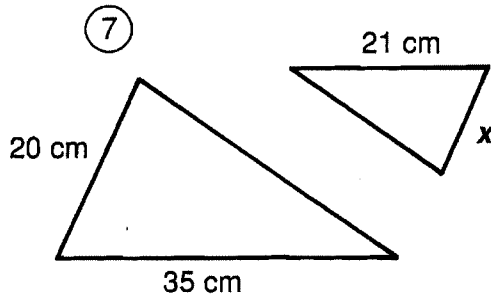
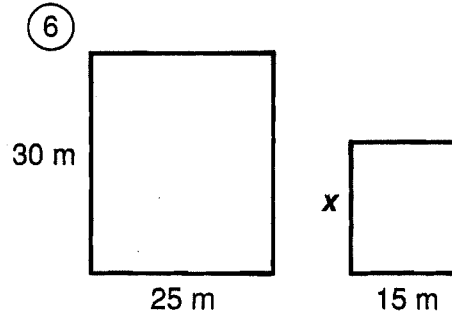
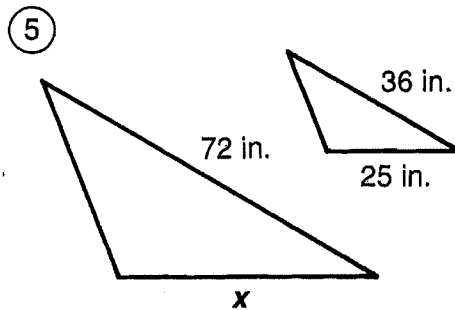
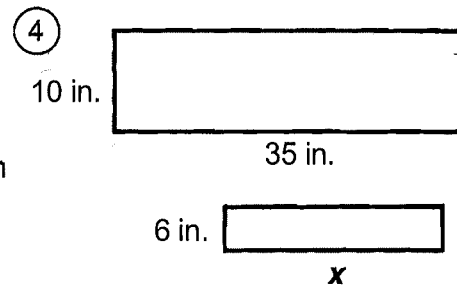
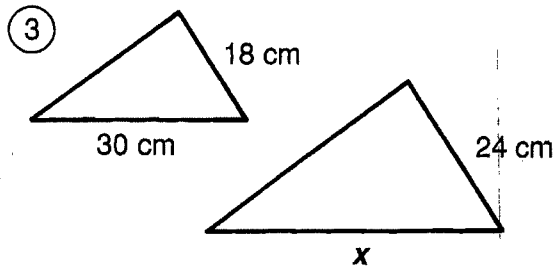
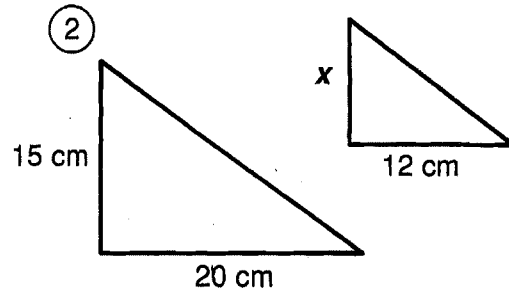
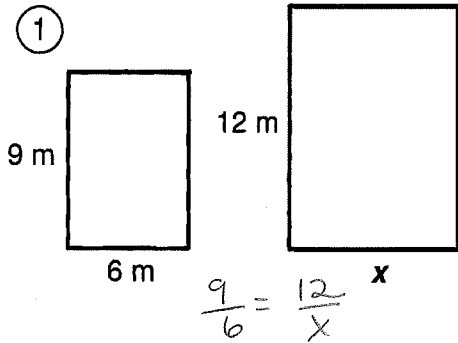


# What Is a Termite's Favorite Breakfast?

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

- |   |        |
|---|--------|
| E | 9 cm   |
| L | 14 cm  |
| T | 15 ft  |
| A | 20 m   |
| G | 50 in. |
| G | 8 m    |
| E | 24 in. |
| S | 12 cm  |
| M | 16 ft  |
| K | 46 m   |
| D | 21 in. |
| A | 44 cm  |
| C | 10 cm  |
| O | 18 m   |
| O | 48 in. |
| F | 40 cm  |
| W | 42 m   |



$\frac{20}{35} = \frac{x}{21}$

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?

⑩ A photograph is 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.

# What Happened to the Guy Who Ate Ten Pounds of Powdered Food for Dinner?

Do each exercise mentally, then find your answer in the corresponding set of answers. Write the letter of the exercise in the box containing the answer.



$50\% = \frac{1}{2}$	$33\frac{1}{3}\% = \frac{1}{3}$	$25\% = \frac{1}{4}$	$20\% = \frac{1}{5}$	$12\frac{1}{2}\% = \frac{1}{8}$	$10\% = \frac{1}{10}$
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I. Use the chart above to find each percent mentally.

- (H) 25% of 36                      (G) 20% of 15                      (T) 50% of 26                      (O)  $33\frac{1}{3}\%$  of 60                      (G)  $12\frac{1}{2}\%$  of 40
- (T) 10% of 70                      (A) 50% of 180                      (H) 25% of 200                      (T)  $12\frac{1}{2}\%$  of 16                      (I) 20% of 60
- (G)  $33\frac{1}{3}\%$  of 24                      (U) 10% of 360                      (T) 20% of 500                      (E) 50% of 48                      (H)  $33\frac{1}{3}\%$  of 120
- (A) 25% of 44                      (C)  $12\frac{1}{2}\%$  of 240                      (H) 10% of 800                      (T) 100% of 32                      (N) 100% of 999

13	50	11	100	25	999	12	5	80	2	15	9	24	42	8	20	32	18	30	90	36	3	40	7
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II. Use compatible numbers to estimate each percent.

- (E) 19% of 30                      (A) 48% of 64                      (N) 26% of 80                      (D) 33% of 90                      (I) 9% of 600
- (T) 12% of 72                      (E) 24% of 280                      (L) 21% of 200                      (I) 51% of 72                      (N) 13% of 88
- (E) 9% of 40                      (A) 32% of 150                      (O) 14% of 640                      (D) 27% of 400                      (H) 53% of 900
- (X) 34% of 36                      (N) 18% of 75                      (D) 11% of 720                      (R) 99% of 18                      (P) 102% of 250

36	20	45	9	450	6	75	18	50	60	15	23	32	11	100	5	70	12	250	40	80	72	4	30
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