A. $\dfrac{x}{60} = \dfrac{25}{100}$ $x=15$

B. $\dfrac{30}{80} = \dfrac{x}{100}$ $x=37.5$

C. $\dfrac{20}{x} = \dfrac{40}{100}$ $x=50$

O. $\dfrac{x}{70} = \dfrac{110}{100}$ $x=77$

E. $\dfrac{32}{128} = \dfrac{x}{100}$ $x=25$

F. $\dfrac{36}{48} = \dfrac{x}{100}$ $x=75$

G. $\dfrac{12}{60} = \dfrac{x}{100}$ $x=20$

H. $\dfrac{16}{x} = \dfrac{8}{100}$ $x=200$

I. $\dfrac{42}{x} = \dfrac{8}{100}$ $x=525$

J. $\dfrac{x}{140} = \dfrac{30}{100}$ $x=42$

K. $\dfrac{x}{22} = \dfrac{150}{100}$ $x=33$

L. $\dfrac{x}{30} = \dfrac{0.6}{100}$ $x=0.18$

M. $\dfrac{x}{160} = \dfrac{60}{100}$ $x=96$

5.2 Puzzle Time

Did You Hear About The...

A Holdup	**B** in	**C** the	**D** yard	**E** when	**F** two
G clothespins	**H** held	**I** up	**J** a	**K** pair	**L** of
M pants					

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

525 UP	
15 HOLDUP	
10% WIND	
96 PANTS	
22 SOCKS	
25% WHEN	
33 PAIR	
200 HELD	
37.5% IN	
625 ROPE	

Write and solve a proportion to answer the question.

A. What number is 25% of 60? $x = 15$

B. 30 is what percent of 80? $x = 37.5$

C. 20 is 40% of what number? $x = 50$

D. What number is 110% of 70? $x = 77$

E. 32 is what percent of 128? $x = 25$

F. What percent of 48 is 36? $x = 75$

G. 12 is what percent of 60? $x = 20$

H. 8% of what number is 16? $x = 200$

I. 42 is 8% of what number? $x = 525$

J. 30% of 140 is what number? $x = 42$

K. 150% of 22 is what number? $x = 33$

L. What number is 0.6% of 30? $x = 0.18$

M. The seventh-grade class needs to earn money for a trip to the amusement park. Of the 160 seventh-grade students, 60% participate in the fundraiser. How many students participate in the fundraiser?

$$\frac{x}{160} = \frac{60}{100} \qquad x = 96$$

20% CLOTHESPINS	
50 THE	
36% SUNSHINE	
0.18 OF	
120 CLOTHESLINE	
75% TWO	
100% RAINBOW	
42 A	
77 YARD	
325 WRINKLES	