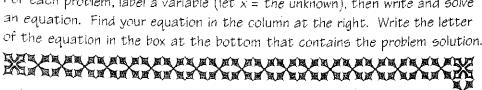
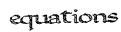
How (Duch Did Captain Hook Have to Pay for His Earrings?

For each problem, label a variable (let x = the unknown), then write and solve an equation. Find your equation in the column at the right. Write the letter



- f 1 Ben and Jerry together scored 50 points in the big game. If Ben scored 16 points, how many points did Jerry score?
- Marble Middle School paid \$500 for 16 graphing calculators. What was the cost for each calculator?
- 3 On first down, a football team lost 16 yd. After two downs, the team had an overall gain of 5 yd. How many yards were gained on second down?
- 4 One sixth of the candies in a bag of M&M's are orange. If there are 15 orange candies, how many M&M's are in the bag?
- 5 A scuba diver dove 16 ft to an elevation of -50 ft. What was her elevation before the dive?
- 6 The number of elephants at the circus was two fifths of the number of horses. If there were 16 elephants, how many horses were there?
- A chest was resting on the ocean floor 500 ft below the surface. It was lifted to the deck of a ship 16 ft above the surface. How far was the chest lifted?
- A If you divide the age of Grampa Gump by 16, you get the age of Junior Gump. If Junior is 5 years old, how old is Grampa?
- At Maxx Middle School, there are 30 times as many students as teachers. If there are 450 students, how many teachers are there?
- 10 Kodak cut a pizza into eight equal slices and ate three of them. If his meal had 450 calories, how many calories were in the entire pizza?



$$\Re 30x = 450$$

$$S_x - \frac{1}{6} = 15$$

$$\mathbb{E}_{x+16} = 50$$

$$\mathcal{U}\frac{2}{5}x = 16$$

$$C - 16 + x = 5$$

$$\frac{30}{x} = 450$$

$$\mathbf{B} \frac{3}{8} x = 450$$

$$A 16x = 500$$

$$\frac{x}{16} = 5$$

$$Ax - 16 = -50$$

$$\bigcirc x \div \frac{2}{5} = 16$$

$$\mathfrak{N} \frac{1}{6} x = 15$$

$$\int 8x - 3x = 450$$

$$A - 500 + x = 16$$

| 25 yd | \$31.25 | 1200 cal | 40 | 21 yd | 80 | 32 | 516 ft | 90 | 960 cal | 34 | -34 ft | 15 | \$34.75 | |
|--|---------|----------|----|-------|----|-----|--------|----|---------|----|--------|-----|---------|---|
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