

Name: _____ Date: _____ Period: _____

Writing and Solving Equations - Classwork

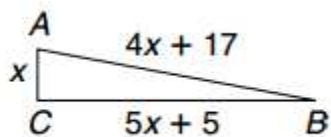
Write an equation for each situation and solve it showing all steps.

1) The sum of 4 times a number and 2, divided by 5, is 14.

2) The quotient of a number divided by 5, minus 2, is 8.

3) 3 more than one-third of a number is the same as 2 less than two-fifths the number.

4) The perimeter of right triangle ABC is 132. Find the length of side CB.



5) $\frac{5}{6} - \frac{a}{4} = \frac{1}{3}$

6) $\frac{3x}{4} - \frac{2x}{3} = \frac{2}{5}$

7) $\frac{h}{2} + \frac{h}{5} = 14$

8) $\frac{4m}{3} - \frac{m}{6} = \frac{7}{2}$